Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Sacramento River Basin

LD0001G	Overall LMA	Total LMA						
Levee District No. 0001 (Glenn County)	Rating	Miles						
	Α	12.45						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Obsole	& System scence
Nated Refi	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.00		2.22	0.400/	0.04	T	T	I
Vegetation	0.06		0.06	0.48%	0.04			
Trim / Thin Trees	0.11		0.11	0.88%	0.00			
Encroachments	0.05		0.05	0.40%	0.23			
Animal Control	0.23	0.00	0.23	1.85%	0.07	0.00	0.00	0.00
LMA Totals:	0.45	0.00	0.45	3.61%	0.27	0.00	0.00	0.00
LD0001S	Overall LMA	Total LMA						
Levee District No. 0001 (Sutter County)	Rating	Miles						
Level District No. 5501 (Suiter Sound)	Α	16.65						
		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.01			
Encroachments					0.73			
Interior Drainage & Piping Systems			ı			I	I	I
Metal Pipes	0.01		0.01	0.06%				
LMA Totals:	0.01	0.00	0.01	0.06%	0.74	0.00	0.00	0.00
LD0002	Overall LMA	Total LMA						
Levee District No. 0002 (Glenn County)	Rating	Miles						
	A	4.89						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1							
Encroachments					0.01			
Animal Control	0.25		0.25	5.11%				
Slope Stability	0.01		0.01	0.20%				
Supplemental			I					
USACE Erosion Survey	0.01		0.01	0.20%				
LMA Totals:	0.27	0.00	0.27	5.52%	0.01	0.00	0.00	0.00
LD0003	Overall LMA	Total LMA						
Levee District No. 0003 (Glenn County)	Rating	Miles						
Levee District No. 0003 (Cierni County)	M	12.24						
			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles			U Miles
Earthen Levee	1							
Trim / Thin Trees	0.19		0.19	1.55%				
Encroachments	0.20		0.20	1.63%	0.01	0.03		
Animal Control	1.79		1.79	14.62%				
Slope Stability	0.06		0.06	0.49%				
Supplemental			I					
USACE Erosion Survey	0.03	_	0.03	0.25%	_			_
LMA Totals:	2.27	0.00	2.27	18.55%	0.01	0.03	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

LD0009	Overall LMA	Total LMA						
Levee District No. 0009 (Sutter County)	Rating	Miles						
	Α	6.24			1		Design 8	& System
Rated Item			nce Deficiancy			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Encroachments	0.02		0.02	0.32%	0.51	0.01	1	
LMA Totals:	0.02	0.00	0.02	0.32%	0.51	0.01	0.00	0.00
LIVIA TOTALS.	0.02	0.00	0.02	0.32%	0.51	0.01	0.00	0.00
MA0001	Overall LMA	Total LMA						
Sutter Maintenance Yard Maintenance	Rating	Miles						
Area 0001	Α	17.12						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		l						
Vegetation	0.04		0.04	0.23%	0.05			
Encroachments					1.80	1.26		
Animal Control	0.08		0.08	0.47%				
Supplemental							1	
USACE Erosion Survey	0.66		0.66	3.86%				
LMA Totals:	0.78	0.00	0.78	4.56%	1.85	1.26	0.00	0.00
MA0002	Overall LMA	Total LMA						
MA0003 Sutter Maintenance Yard Maintenance	Rating	Miles						
Area 0003	A	5.19						
			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	
Interior Drainage & Piping Systems	IVI IVIIIES	O ivilles	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIICS	O ivilles	IVI IVIIICS	O Miles
Sluice / Slide Gates	0.01		0.01	0.19%				
LMA Totals:	0.01	0.00	0.01	0.19%	0.00	0.00	0.00	0.00
MA0004	Overall LMA	Total LMA						
Sacramento Maintenance Yard	Rating	Miles						
Maintenance Area 0004	A	3.40			1		Danies 6	& System
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Obsole	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.04		0.04	0.000/				
Vegetation	0.01		0.01	0.29%				
Trim / Thin Trees	0.16		0.16	4.71%		0.40		
Encroachments						0.18		
Animal Control	0.02		0.02	0.59%				
LMA Totals:		0.00	0.19	5.59%	0.00	0.18	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

MA0005	Overall LMA	Total LMA						
Sutter Maintenance Yard Maintenance	Rating	Miles						
Area 0005	A	33.32						-
Rated Item		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		T				ı		
Vegetation	0.02		0.02	0.06%				
Encroachments	0.09		0.09	0.27%	4.74	0.01		
Animal Control	0.01		0.01	0.03%				
Slope Stability	0.05		0.05	0.15%				
Repair Gates	0.02		0.02	0.06%				
LMA Totals:	0.19	0.00	0.19	0.57%	4.74	0.01	0.00	0.00
Unit No. 01 Butte Creek 1 LB	Overall Unit Rating	Total Unit Miles						
MA0005	A	15.29						
Rated Item		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.07%				
Encroachments	0.04		0.04	0.26%	2.65			
Animal Control	0.01		0.01	0.07%				
Slope Stability	0.02		0.02	0.13%				
Repair Gates	0.01		0.01	0.07%				
Unit Totals:	0.09	0.00	0.09	0.59%	2.65	0.00	0.00	0.00
Unit No. 02 Butte Creek 1 RB	Overall Unit Rating	Total Unit Miles						
MA0005	Α	16.53						
5		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.06%				
Encroachments	0.05		0.05	0.30%	2.09	0.01		
Slope Stability	0.03		0.03	0.18%				
Unit Totals:	0.09	0.00	0.09	0.54%	2.09	0.01	0.00	0.00
Unit No. 03 Little Chico Creek Diversion 1 LB	Overall Unit Rating	Total Unit Miles						
MA0005	A	1.50						
			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Repair Gates	0.01		0.01	0.67%				
Unit Totals:	0.01	0.00	0.01	0.67%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

MA0007	Overall LMA Rating	Total LMA Miles						
Sutter Maintenance Yard Maintenance								
Area 0007	Α	12.07			l		Design	& System
Rated Item		Maintena	nce Deficiancy		Enforc	cement		escence
Nation Rolli	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee				I		ı	ı	T
Vegetation					0.07			
Encroachments					3.88	0.03		
Slope Stability	0.36		0.36	2.98%				
Supplemental LISACE Fracion Surray	0.02		0.02	0.470/		I	l	1
USACE Erosion Survey	0.02	0.00	0.02	0.17%	2.05	0.00	0.00	0.00
LMA Totals:	0.38	0.00	0.38	3.15%	3.95	0.03	0.00	0.00
MA0009	Overall LMA	Total LMA						
Sacramento Maintenance Yard	Rating	Miles						
Maintenance Area 0009	A	19.61						
			nce Deficiancy		Enforc	cement		& System
Rated Item	M Miles		,	Throphold 0/				escence
Forthern Laure	IVI IVIIIes	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.01		0.01	0.05%	2.05	0.27		
Trim / Thin Trees	0.01		0.01	0.05%	2.00	0.21		
Encroachments	0.01		0.01	0.05%	2.56	0.44		
Supplemental	0.01		0.01	0.03%	2.50	0.44		
USACE Erosion Survey	0.30		0.30	1.53%				
LMA Totals:	0.33	0.00	0.33	1.68%	4.61	0.71	0.00	0.00
2			5.55				0.00	0.00
MA0012	Overall LMA	Total LMA						
Sutter Maintenance Yard Maintenance	Rating	Miles						
Area 0012	Α	11.31						
		Maintena	nce Deficiancy		Enforc	cement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								I
Encroachments					1.31			
Supplemental								
USACE Erosion Survey	0.01		0.01	0.09%				
LMA Totals:	0.01	0.00	0.01	0.09%	1.31	0.00	0.00	0.00
MA0013	Overall LMA Rating	Total LMA Miles						
Sutter Maintenance Yard Maintenance	3							
Area 0013	Α	41.97			l		Design 8	& System
Rated Item			nce Deficiancy			cement	Obsole	escence
rated from	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee					0.04			
Vegetation					0.01			
Trim / Thin Trees	0.03		0.03	0.07%				
Encroachments	0.59		0.59	1.41%	10.87			
Erosion / Bank Caving	0.02		0.02	0.05%				
Supplemental LICACE Francisco Communication	0.04		0.04	0.000/				
USACE Erosion Survey	0.01	0.00	0.01	0.02%	40.00	0.00	0.00	0.00
LMA Totals:	0.65	0.00	0.65	1.55%	10.88	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Cherokee Canal RB	Overall Unit	Total Unit						
	Rating	Miles						
MA0013	Α	18.87						
Data ditta n		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Trim / Thin Trees	0.03		0.03	0.16%				
Encroachments	0.05		0.05	0.27%	4.88			
Supplemental		1	I					ı
USACE Erosion Survey	0.01		0.01	0.05%				
Unit Totals:	0.09	0.00	0.09	0.48%	4.88	0.00	0.00	0.00
Unit No. 02 Cherokee Canal LB	Overall Unit	Total Unit						
	Rating	Miles						
MA0013	A	23.10						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								II.
Vegetation					0.01			
Encroachments	0.54		0.54	2.34%	5.99			
Erosion / Bank Caving	0.02		0.02	0.09%				
Unit Totals:	0.56	0.00	0.56	2.42%	6.00	0.00	0.00	0.00
*******	Overell I MA	Total LMA						
MA0016	Overall LMA Rating	Miles						
Sutter Maintenance Yard Maintenance Area 0016	A	4.09						
Aica do lo			5.00		Ι		Design 8	& System
Rated Item	NA NAHOO		nce Deficiancy	Throphold 0/		ement		U Mile:
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	O Mile:
Vegetation					0.04			
Encroachments					0.24	0.04		
LMA Totals:	0.00	0.00	0.00	0.00%	0.28	0.04	0.00	0.00
	I		I	<u> </u>				
MA0017	Overall LMA	Total LMA						
Sutter Maintenance Yard Maintenance	Rating	Miles						
Area 0017	U	3.90						
Dated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile:
Earthen Levee								
Vegetation		3.13	12.52	321.03%				
Trim / Thin Trees		3.12	12.48	320.00%				
LMA Totals:	0.00	6.25	25.00	641.03%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0001 American River Flood Control District	Overall LMA Rating	Total LMA Miles						
	Α	32.51						
Rated Item		Maintena	nce Deficiancy		Enforc		Design & System Obsolescence	
ivaled item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.06		0.06	0.19%	1.18	0.29		
Encroachments	0.20		0.20	0.62%	0.59	2.70		
Animal Control	0.20		0.20	0.62%				
Slope Stability	0.01		0.01	0.03%				
Erosion / Bank Caving	0.03		0.03	0.09%				
Supplemental								
USACE Erosion Survey	0.01		0.01	0.03%				
LMA Totals:	0.51	0.00	0.51	1.57%	1.77	2.99	0.00	0.00

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Unit No. 01 Arcade Creek LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	2.10						
			nce Deficiancy		Enforc	ement	Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee							1	
Vegetation					0.02	0.04		
Encroachments					0.04	0.25		
Animal Control	0.06		0.06	2.86%				
Unit Totals:	0.06	0.00	0.06	2.86%	0.06	0.29	0.00	0.00
Unit No. 02 Natomas E Canal LB	Overall Unit Rating Miles							
NA0001	Α	3.95						
Data d Barr		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Miles
Earthen Levee								
Encroachments					0.01			
Slope Stability	0.01		0.01	0.25%				
Erosion / Bank Caving	0.01		0.01	0.25%				
Unit Totals:	0.02	0.00	0.02	0.51%	0.01	0.00	0.00	0.00
Unit No. 03 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	2.78						
		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.05		0.05	1.80%				
Unit Totals:	0.05	0.00	0.05	1.80%	0.00	0.00	0.00	0.00
Unit No. 04 American River LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	10.97						
		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee								
Vegetation	0.06		0.06	0.55%	0.88	0.20		
Encroachments	0.18		0.18	1.64%	0.11	1.49		
Animal Control	0.02		0.02	0.18%				
Supplemental								
USACE Erosion Survey	0.01		0.01	0.09%				
Unit Totals:	0.27	0.00	0.27	2.46%	0.99	1.69	0.00	0.00
Unit No. 05 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	0.40						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Nation Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee					0.11			
Vegetation Unit Totals:	0.00	0.00	0.00	0.0007	0.14	0.00	0.00	0.00
I Init I otals:	0.00	0.00	0.00	0.00%	0.14	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

. ,								
Unit No. 06 Linda Creek LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	1.30						
Dotad Itam		Maintena	nce Deficiancy		Enforc	cement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 07 Arcade Creek RB	Overall Unit Rating	Total Unit Miles						
NA0001	A	1.92						
		Maintena	nce Deficiancy		Enforc	cement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles U Miles		M Miles	U Miles
Earthen Levee	1							
Vegetation					0.02	0.05		
Encroachments	0.02		0.02	1.04%	0.05	0.12		
Animal Control	0.01		0.01	0.52%				
Unit Totals:	0.03	0.00	0.03	1.56%	0.07	0.17	0.00	0.00
Unit No. 08 Magnio Crook Diversion L.D.	Overall Unit	Total Unit						
Unit No. 08 Magpie Creek Diversion LB	Rating	Miles						
NA0001	A	1.43						
	-		nce Deficiancy		Enforcement			System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %			Obsole M Miles	U Miles
Earthen Levee	1							
Vegetation					0.01			
Encroachments					0.30			
Unit Totals:	0.00	0.00	0.00	0.00%	0.31	0.00	0.00	0.00
Unit No. 09 American River RB	Overall Unit Rating	Total Unit Miles			-			
NA0001	Α	4.32						
		Maintena	nce Deficiancy		Enforc	cement	Design 8	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	U Miles
Earthen Levee	1							
Vegetation					0.01			
Encroachments					0.08	0.14		
Animal Control	0.06		0.06	1.39%				
Unit Totals:	0.06	0.00	0.06	1.39%	0.09	0.14	0.00	0.00
Unit No. 10 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	A	3.34						
		Maintena	nce Deficiancy		Enforc	cement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.10			
Encroachments						0.70		
					1			
Erosion / Bank Caving	0.02		0.02	0.60%				

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0002	Overall LMA	Total LMA						
Brannan Andrus Levee Maintenance	Rating	Miles						
District	M	19.32						
Detect to a		Maintena	nce Deficiancy		Enford	cement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	T	I	T	l				
Vegetation	0.41		0.41	2.12%	0.05	0.24		
Trim / Thin Trees	0.61		0.61	3.16%				
Encroachments	0.03		0.03	0.16%	0.22	0.02		
Animal Control	0.01		0.01	0.05%				
Flood Preparedness & Training	0.19		0.19	0.98%				
Supplemental USACE Erosion Survey	0.60	0.50	2.60	13.46%				
LMA Totals:	1.85	0.50	3.85	19.93%	0.27	0.26	0.00	0.00
LIVIA TOTAIS.	1.65	0.50	3.63	19.9376	0.21	0.20	0.00	0.00
Unit No. 01 Georgiana Slough RB	Overall Unit Rating	Total Unit Miles						
NA0002	Α	6.02						
Dotod Itaan		Maintena	nce Deficiancy		Enforc	cement	Design 8 Obsole	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	I	1	T	T				
Vegetation	0.41		0.41	6.81%		0.09		
Trim / Thin Trees	0.11		0.11	1.83%				
Encroachments	0.02		0.02	0.33%	0.01			
Animal Control	0.01		0.01	0.17%				
Unit Totals:	0.55	0.00	0.55	9.14%	0.01	0.09	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
NA0002	U	13.30						
		Maintena	nce Deficiancy		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles			U Miles
Earthen Levee								
Vegetation					0.05	0.15		
Trim / Thin Trees	0.50		0.50	3.76%				
Encroachments	0.01		0.01	0.08%	0.21	0.02		
Supplemental						1	I	
USACE Erosion Survey	0.60	0.50	2.60	19.55%				
Unit Totals:	1.11	0.50	3.11	23.38%	0.26	0.17	0.00	0.00
NA0003 Butte County Public Works Department	Overall LMA Rating	Total LMA Miles						
Butte County Public Works Department Butte County Public Works	A	24.71						
	,		nce Deficiancy		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles			U Miles
Earthen Levee	TVI TVIIICO	O WIIICO	40 IVIIICS	Till Soriola 70	wiiles	C WINGS	wiiles	O IVIIIOS
Encroachments	0.05		0.05	0.20%	0.16	0.55		
Slope Stability	0.01		0.01	0.04%				
Supplemental		1						
USACE Erosion Survey	0.05		0.05	0.20%				
LMA Totals:	0.11	0.00	0.11	0.45%	0.16	0.55	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Mud Creek RB	Overall Unit Rating	Total Unit Miles						
NA0003	Α	7.29						
		Maintena	nce Deficiancy		Enforc	cement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Miles
Earthen Levee						1		
Encroachments	0.04		0.04	0.55%	0.07	0.05		
Supplemental	0.05	<u> </u>	2.25	0.000/		1	I	
USACE Erosion Survey	0.05	0.00	0.05	0.69%	0.07	0.05	0.00	0.00
Unit Totals:	0.09	0.00	0.09	1.24%	0.07	0.05	0.00	0.00
Unit No. 02 Mud Creek LB	Overall Unit Rating	Total Unit Miles						
NA0003	Α	8.20						
5		Maintena	nce Deficiancy		Enforc	cement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.01		0.01	0.12%	0.01	0.32		
Unit Totals:	0.01	0.00	0.01	0.12%	0.01	0.32	0.00	0.00
Unit No. 02A Channel Slough LB	Overall Unit Rating	Total Unit Miles						
NA0003	A	0.30						
140003			nce Deficiancy		Enforc	cement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
No Items	IVI IVIIIES	O Miles	IVI + 40 IVIIIeS	Tillesiloid /6	IVI IVIIIES	O Miles	IVI IVIIIES	O Miles
Unit Totals:	0.00	0.00	0.00	0.00%				
Offit foldis.	0.00	0.00	0.00	0.00%				
Unit No. 03 Sycamore and Sheep Hollow Creeks RB	Overall Unit Rating	Total Unit Miles						
NA0003	Α	4.13						
Data diliano		Maintena	nce Deficiancy		Enforc	cement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Slope Stability	0.01		0.01	0.24%				
Unit Totals:	0.01	0.00	0.01	0.24%	0.00	0.00	0.00	0.00
Unit No. 04 Sycamore and Dry Creeks RB	Overall Unit Rating	Total Unit Miles						
NA0003	Α	2.94						
		Maintena	nce Deficiancy		Enforc	cement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	
Earthen Levee			, , , , , ,	, , , , ,				
Encroachments					0.08	0.18		
Unit Totals:	0.00	0.00	0.00	0.00%	0.08	0.18	0.00	0.00
Unit No. 05 Big Chico Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0003	A	1.85						
INACOUC			nco Doficionav		Enforce	nomont.		System
Rated Item	M Miles	U Miles	nce Deficiancy M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
No Items	IVI IVIIIeS	U Willes	IVI + 40 IVIIIES	THESHOU %	ivi ivilles	O ivilles	willes	U ivilles
	0.00	0.00	0.00	0.009/				
Unit Totals:	0.00	0.00	0.00	0.00%				

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0004	Overall LMA	Total LMA						
Marysville Levee Commission	Rating	Miles						
	M	11.38						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	I	T				T	I	
Vegetation					0.01			
Encroachments	1.29		1.29	11.34%	0.01	1.92		
LMA Totals:	1.29	0.00	1.29	11.34%	0.02	1.92	0.00	0.00
Unit No. 01 Simmerly Slough LB	Overall Unit Rating Miles							
NA0004	U	3.25						
5 (1)		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		I				I		
Encroachments	1.29		1.29	39.69%				
Unit Totals:	1.29	0.00	1.29	39.69%	0.00	0.00	0.00	0.00
Unit No. 02 Feather River LB	Overall Unit Rating	Total Unit Miles						
NA0004	Α	1.27						
		Maintena	nce Deficiancy		Enforc	ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 03 Yuba River RB	Overall Unit Rating	Total Unit Miles						
NA0004	A	6.86						
NA0004			nce Deficiancy		Enforce	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIeS	U ivilles	IVI + 40 IVIIIeS	Tillesiloid %	IVI IVIIIES	U ivilles	IVI IVIIIeS	O Miles
Vegetation					0.01			
Encroachments					0.01	1.92		
Unit Totals:	0.00	0.00	0.00	0.00%	0.02	1.92	0.00	0.00
		1		ı				
NA0005	Overall LMA	Total LMA						
City of Sacramento	Rating	Miles						
	A	3.63			Г		Design 8	System
Rated Item		1	nce Deficiancy			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental USACE Erosion Survey	0.12		0.12	3.31%				
LMA Totals:	0.12	0.00	0.12	3.31%	0.00	0.00	0.00	0.00
LIMA TOTAIS:	0.12	0.00	0.12	3.31%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NACCOC	Overall LMA	Total LMA						
NA0006 Eastern Honcut Creek	Rating	Miles						
Lasterii Honcut Greek	U	1.50						
		Maintena	nce Deficiancy		Enforc	ement	Design 8	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	2.94		2.94	196.00%				
Encroachments					1.31			
Operations & Maintenance Manuals	0.02		0.02	1.33%				
Flood Preparedness & Training	0.02		0.02	1.33%				
LMA Totals:	2.97	0.00	2.97	198.00%	1.31	0.00	0.00	0.00
NA 0000	Overall LMA	Total LMA						
NA0008	Rating	Miles						
Knights Landing Ridge Drainage District	A	12.57						
	7.		nce Deficiancy		Enforce	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIES	O ivilles	IVI + 40 IVIIIeS	Tillesiloid /6	IVI IVIIIES	O ivilles	IVI IVIIIES	O ivilles
Vegetation	0.01		0.01	0.08%				
Encroachments	0.24		0.24	1.91%		0.07		
Slope Stability	0.01		0.01	0.08%				
Cracking	0.01		0.01	0.08%				
Supplemental								
USACE Erosion Survey	0.07		0.07	0.56%				
LMA Totals:	0.34	0.00	0.34	2.71%	0.00	0.07	0.00	0.00
Unit No. 01 Knights Landing Ridge Cut	Overall Unit	Total Unit						
RB	Rating	Miles						
NA0008	Α	6.43						
		Maintena	nce Deficiancy		Enforc	ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.16%				
Encroachments	0.24		0.24	3.73%				
Supplemental	0.00		2.22	0.040/			ı	
USACE Erosion Survey	0.02	0.00	0.02	0.31%	0.00	0.00	0.00	0.00
Unit Totals:	0.27	0.00	0.27	4.20%	0.00	0.00	0.00	0.00
Unit No. 02 Knights Landing Ridge Cut LB	Overall Unit Rating	Total Unit Miles						
NA0008	Α	6.14						
						ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		200				2		
Encroachments						0.07		
Slope Stability	0.01		0.01	0.16%				
Cracking	0.01		0.01	0.16%				
Supplemental			I					
USACE Erosion Survey	0.05	_	0.05	0.81%				
Unit Totals:	0.07	0.00	0.07	1.14%	0.00	0.07	0.00	0.00

Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0009 Lake County Watershed Protection	Overall LMA Rating	Total LMA Miles						
District	A	10.47						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.27		0.27	2.58%	0.05			
Trim / Thin Trees	0.13		0.13	1.24%				
Encroachments	0.01		0.01	0.10%	0.12	0.02		
Slope Stability	0.01		0.01	0.10%				
LMA Totals:	0.42	0.00	0.42	4.01%	0.17	0.02	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Middle Creek LB	Overall Unit Rating	Total Unit Miles						
NA0009	Α	3.42						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.40		0.40	0.540/	0.05		T T	
Vegetation	0.12		0.12	3.51%	0.05			
Encroachments Unit Totals:	0.12	0.00	0.12	3.51%	0.04	0.00	0.00	0.00
Unit Totals:	0.12	0.00	0.12	3.51%	0.09	0.00	0.00	0.00
Unit No. 02 Middle Creek RB	Overall Unit Rating	Total Unit Miles						
NA0009	A	3.13						
B		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.32%				
Encroachments	0.01		0.01	0.32%	0.01	0.02		
Slope Stability	0.01		0.01	0.32%				
Unit Totals:	0.03	0.00	0.03	0.96%	0.01	0.02	0.00	0.00
Unit No. 03 Scotts Creek LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0009	A 1.35 Maintenance Deficiancy						Design 8	System
Rated Item					Enforcement		Obsole	scence
5 4 4	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.06		0.06	4.44%				
Encroachments	0.00		0.00	,0	0.01			
Unit Totals:	0.06	0.00	0.06	4.44%	0.01	0.00	0.00	0.00
Unit No. 04 Poge, Alley and Clover Creek Diversion RB	Overall Unit Rating	Total Unit Miles						
	M	1.53						
NA0009	141		nce Deficiancy		Enforce	ement	Design 8	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIES	O ivilles	IVI + 40 IVIIIes	Tillesilola /6	IVI IVIIICS	O ivilles	IVI IVIIIES	O Miles
Vegetation	0.07		0.07	4.58%				
Trim / Thin Trees	0.13		0.13	8.50%				
Encroachments					0.06			
Unit Totals:	0.20	0.00	0.20	13.07%	0.06	0.00	0.00	0.00
Unit No. 05 Clover Creek and Clover Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0009	A	1.04						
			nce Deficiancy		Enforc	ement	Design 8	System
				T		U Miles	Obsole M Miles	U Miles
Rated Item	M Miles	U Miles	M + 4U Miles	I hreshold %	I IVI IVIIIes	O Miles	I IVI IVIIIES	
Rated Item Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	O ivilles	IVI IVIIIES	
	M Miles	U Miles	0.01	0.96%	IVI IVIIIes	O Miles	IVI IVIIIeS	

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0012	Overall LMA	Total LMA						
Solano County Public Works Mellin	Rating	Miles						
Levee	Α	0.59						
Data d Name		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		I				I	1	
Vegetation	0.01		0.01	1.70%	0.70			
Encroachments	0.04	0.00	0.04	4.700/	0.79	0.00	0.00	0.00
LMA Totals:	0.01	0.00	0.01	1.70%	0.79	0.00	0.00	0.00
NA0014	Overall LMA	Total LMA						
Murphy Slough at M&T Ranch	Rating	Miles						
	U	0.78						
5		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		'						
Vegetation	0.49		0.49	62.82%				
LMA Totals:	0.49	0.00	0.49	62.82%	0.00	0.00	0.00	0.00
NA0015	Overall LMA	Total LMA						
Plumas County	Rating	Miles						
Tidinas County	U	3.22						
			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							1	
Vegetation	1.20		1.20	37.27%				
Slope Stability	0.04	0.16	0.68	21.12%				
LMA Totals:	1.24	0.16	1.88	58.39%	0.00	0.00	0.00	0.00
Unit No. 01 North Fork Feather River LB	Overall Unit	Total Unit						
ome nor or moral roller ballion kinds 22	Rating	Miles						
NA0015	U	1.89						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Slope Stability	0.01	0.16	0.65	34.39%				
Unit Totals:	0.01	0.16	0.65	34.39%	0.00	0.00	0.00	0.00
Unit No. 02 North Fork Feather River RB	Overall Unit Rating	Total Unit Miles						
NA0015	U	1.33						
10.0010			nce Deficiancy		Enforce	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIICS	O WIIICS	1 40 IVIIIGS	THIOGNOID 70	.vi ivilios	O WINCS	.vi ivilios	J WIIIC3
Vegetation	1.20		1.20	90.23%				
Slope Stability	0.03		0.03	2.26%				
Unit Totals:	1.23	0.00	1.23	92.48%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0016 Sacramento River West Side Levee	Overall LMA Rating	Total LMA Miles						
District	Α	50.21						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.04			
Trim / Thin Trees	0.01		0.01	0.02%				
Encroachments	0.02		0.02	0.04%	0.06			
Supplemental								
USACE Erosion Survey	0.26		0.26	0.52%				
LMA Totals:	0.29	0.00	0.29	0.58%	0.10	0.00	0.00	0.00

NA0018 California Department of Fish and Game Shea Levee	Overall LMA Rating U	Total LMA Miles 0.30						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Nateu itelli	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.22		0.22	73.33%				
Trim / Thin Trees	0.14		0.14	46.67%				
Flood Preparedness & Training	0.00							
LMA Totals:	0.36	0.00	0.36	120.00%	0.00	0.00	0.00	0.00

NA0019	Overall LMA	Total LMA						
Tehama County Flood Control and	Rating	Miles						
Water Conservation District	M	13.64						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.40		1.40	10.26%	0.06			
Encroachments	0.09		0.09	0.66%	0.24			
Animal Control	0.03		0.03	0.22%				
Slope Stability	0.31		0.31	2.27%				
Erosion / Bank Caving	0.01		0.01	0.07%				
Supplemental								
USACE Erosion Survey	0.16		0.16	1.17%				
LMA Totals:	2.00	0.00	2.00	14.66%	0.30	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Deer Creek LB	Overall Unit Rating	Total Unit Miles						
NA0019	U	4.11						
		Maintena	nce Deficiancy		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.73		0.73	17.76%				
Encroachments	0.01		0.01	0.24%	0.23			
Slope Stability	0.13		0.13	3.16%				
Supplemental			2.22	0.400/		T	T	I
USACE Erosion Survey	0.02	0.00	0.02	0.49%	0.00	0.00	0.00	0.00
Unit Totals:	0.89	0.00	0.89	21.66%	0.23	0.00	0.00	0.00
Unit No. 02 Deer Creek RB	Overall Unit Rating	Total Unit Miles						
NA0019	A	1.50						
5		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.03		0.03	2.00%	0.01			
Supplemental LICA CF. Francia in Course	0.05		0.05	2.220/				
USACE Erosion Survey	0.05	0.00	0.05	3.33%	0.04	0.00	0.00	0.00
Unit Totals:	0.08	0.00	0.08	5.33%	0.01	0.00	0.00	0.00
Unit No. 04 Elder Creek LB	Overall Unit Rating	Total Unit Miles						
NA0019	Α	4.07			_			_
Rated Item		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			ı			ı	ı	
Vegetation	0.05		0.05	1.23%				
Encroachments	0.04		0.04	0.98%				
Animal Control	0.01		0.01	0.25%				
Slope Stability	0.18		0.18	4.42%				
Supplemental USACE Erosion Survey	0.07		0.07	1.72%				
Unit Totals:	0.35	0.00	0.35	8.60%	0.00	0.00	0.00	0.00
O'm Totalo.	0.00	0.00	0.00	0.0070	0.00	0.00	0.00	0.00
Unit No. 05 Elder Creek RB	Overall Unit Rating	Total Unit Miles						
NA0019	M	3.96						
Rated Item		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	l		l			I	I	
Vegetation	0.62		0.62	15.66%	0.06			
Encroachments	0.01		0.01	0.25%				
Animal Control	0.02		0.02	0.51%				
Erosion / Bank Caving	0.01		0.01	0.25%				
Supplemental USACE Erosion Survey	0.02		0.02	0.51%				
Unit Totals:	0.68	0.00	0.68	17.17%	0.06	0.00	0.00	0.00
Office Foldals.	0.00	5.00	0.00	17.17/0	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0020	Overall LMA Rating	Total LMA Miles						
Sutter Maintenance Yard East-West Interceptor	U	4.76						
interceptor			5.01				Design 8	System
Rated Item	NA NATIO		nce Deficiancy	The second second 07		ement	Obsole	scence
Conthan Louise	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	3.88		3.88	81.51%	0.02			
Encroachments	0.26		0.26	5.46%	0.02			
Erosion / Bank Caving	0.61	0.03	0.73	15.34%				
Channels								
Erosion / Bank Caving	0.01		0.01	0.21%				
LMA Totals:	4.76	0.03	4.88	102.52%	0.04	0.00	0.00	0.00
Unit No. 01 West Levee RB	Overall Unit Rating	Total Unit Miles						
NA0020	U	1.75						
Rated Item		Maintena	nce Deficiancy		Enforc	ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee						1	1	
Vegetation	0.45		0.45	25.71%	0.02			
Encroachments	0.01		0.01	0.57%				
Erosion / Bank Caving	0.19	0.03	0.31	17.71%				
Channels Erosion / Bank Caving	0.01		0.01	0.57%				
Unit Totals:	0.66	0.03	0.78	44.57%	0.02	0.00	0.00	0.00
Om round.		0.00	0.70	44.0770	0.02	0.00	0.00	0.00
Unit No. 02 East Levee LB	Overall Unit Rating	Total Unit Miles						
NA0020	U	3.01			1		D: 0	0
Rated Item		Maintena	nce Deficiancy		Enforc	ement		System scence
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.40	I	0.40	440.050/		Γ	Γ	
Vegetation	3.43		3.43	113.95%	0.00			
Encroachments	0.25		0.25	8.31%	0.02			
Erosion / Bank Caving	0.42 4.10	0.00	0.42 4.10	13.95%	0.00	0.00	0.00	0.00
Unit Totals:	4.10	0.00	4.10	136.21%	0.02	0.00	0.00	0.00
NA0021 Yolo County Planning Resources and	Overall LMA Rating	Total LMA Miles						
Public Works	U	0.29						
		Maintena	nce Deficiancy		Enforc	ement	Design 8	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation		0.43	1.72	593.10%				
Trim / Thin Trees	0.09		0.09	31.03%				
Encroachments	0.01		0.01	3.45%	0.01			
Operations & Maintenance Manuals	0.00							
Emergency Supplies & Equipment	0.00	1						
<u> </u>								
Flood Preparedness & Training LMA Totals:	0.00 0.11	0.43	1.83	631.03%	0.01	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0022 Yolo County Service Area 6	Overall LMA Rating	Total LMA Miles						
,	U	5.97						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.54		0.54	9.05%	0.02	0.14		
Trim / Thin Trees	0.03	0.01	0.07	1.17%				
Encroachments	0.30		0.30	5.03%	0.05			
Animal Control	0.06		0.06	1.01%				
Erosion / Bank Caving	0.01		0.01	0.17%				
Emergency Supplies & Equipment	0.06		0.06	1.01%				
Supplemental								
USACE Erosion Survey	0.39		0.39	6.53%				
LMA Totals:	1.39	0.01	1.43	23.95%	0.07	0.14	0.00	0.00

RD0003 Reclamation District No. 0003 Grand	Overall LMA Rating	Total LMA Miles	however, U Rated Miles are present, so the Overall LMA						
Island	M *	29.08	Rating is M instead of A.						
Rated Item		Maintena	nance Deficiancy Enforcement Obso					System scence	
Rateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	0.92	0.01	0.96	3.30%	0.98	1.72			
Trim / Thin Trees	0.41		0.41	1.41%					
Encroachments	0.06		0.06	0.21%	0.28	0.02			
Supplemental									
USACE Erosion Survey	0.31		0.31	1.07%					
LMA Totals:	1.70	0.01	1.74	5.98% *	1.26	1.74	0.00	0.00	

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Left Bank Steamboat	Overall Unit	Total Unit						
Slough LB	Rating	Miles						
RD0003	A	11.03					Dooign	& System
Rated Item		Maintena	nce Deficiancy		Enforc	ement		scence
raiod nom	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.00		0.00	0.070/	0.44	0.74	I	
Vegetation	0.03		0.03	0.27%	0.11	0.74		
Trim / Thin Trees	0.02		0.02	0.18%				
Encroachments	0.03		0.03	0.27%	0.03	0.01		
Supplemental USACE Erosion Survey	0.29		0.29	2.63%				
Unit Totals:	0.23	0.00	0.23	3.35%	0.14	0.75	0.00	0.00
Office Folials.	0.37	0.00	0.37	3.3376	0.14	0.73	0.00	0.00
Unit No. 02 Right Bank Sacramento River RB	Overall Unit Rating	Total Unit Miles	U Rated Mil	Threshold Percei es are present, so				
RD0003	M *	17.62	instead of A	•	_			
Detect House		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.03	0.01	0.07	0.40%	0.87	0.98		
Trim / Thin Trees	0.39		0.39	2.21%				
Encroachments	0.03		0.03	0.17%	0.25	0.01		
Supplemental	0.00	1	0.00	0.440/		T	I	l
USACE Erosion Survey	0.02	0.04	0.02	0.11%	4.40	0.00	0.00	0.00
Unit Totals:	0.47	0.01	0.51	2.89% *	1.12	0.99	0.00	0.00
Unit No. 03 New Unit for RD0003	Overall Unit Rating	Total Unit Miles						
RD0003	U	0.43						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.86		0.86	200.00%				
Unit Totals:	0.86	0.00	0.86	200.00%	0.00	0.00	0.00	0.00
RD0010 Reclamation District No. 0010 Honcut	Overall LMA Rating	Total LMA Miles						
	M	21.93						
Dated Itam		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	3.51	0.11	3.95	18.01%	0.01			
Encroachments	0.01		0.01	0.05%	0.45	0.12		
Animal Control	0.03		0.03	0.14%				
LMA Totals:	3.55	0.11	3.99	18.19%	0.46	0.12	0.00	0.00

Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Overall Unit	Total Unit						
A						Design 9	System
	Maintena			Enforc	ement	Obsole	scence
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
				0.07			
0.00	0.00	0.00	0.000/		0.00	0.00	0.00
0.00	0.00	0.00	0.00%	0.07	0.00	0.00	0.00
Overall Unit	Total Unit						
Rating	Miles						
Α	11.24						
	Maintena	nce Deficiancy		Enforc	ement		
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
1.04		1.04	9.25%	0.01			
0.01		0.01	0.09%		0.12		
0.03		0.03	0.27%				
1.08	0.00	1.08	9.61%	0.01	0.12	0.00	0.00
Overall Unit	Total Unit						
Rating	Miles						
U	3.01						
	Maintena	nce Deficiancy		Enforc	ement	Design 8	System
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
2.47	0.11	2.91	96.68%				
				0.38			
2.47	0.11	2.91	96.68%	0.38	0.00	0.00	0.00
A	23.57			1		Design 8	Svetom
				Enforcement		Obsolo	scence
		nce Deficiancy					
M Miles	Maintena U Miles	M + 4U Miles	Threshold %	M Miles	1	M Miles	U Mile
		M + 4U Miles		M Miles	U Miles		U Mile
0.06		M + 4U Miles 0.06	0.26%				U Mile
		M + 4U Miles		M Miles	U Miles		U Mil
0.06		M + 4U Miles 0.06	0.26%	M Miles	U Miles		U Mile
	A M Miles O.00 Overall Unit Rating A M Miles 1.04 0.01 0.03 1.08 Overall Unit Rating U M Miles	Rating Miles A 7.68 Maintena U Miles 0.00 0.00 Overall Unit Rating Total Unit Miles A 11.24 Maintena U Miles 1.04 U Miles 0.01 0.03 1.08 0.00 Overall Unit Rating Total Unit Miles U 3.01 Maintena U Miles 2.47 0.11 Overall LMA Rating Total LMA Miles	Rating A 7.68 Maintenance Deficiancy M Miles U Miles M + 4U Miles 0.00 0.00 0.00 Overall Unit Rating Miles Total Unit Miles M + 4U Miles M Miles U Miles M + 4U Miles 1.04 1.04 0.01 0.03 0.03 0.03 1.08 0.00 1.08 Overall Unit Rating Miles Total Unit Miles M + 4U Miles M Miles U Miles M + 4U Miles 2.47 0.11 2.91 Overall LMA Rating Total LMA Miles Miles	Rating A 7.68 Maintenance Deficiancy Maintenance Deficiancy M Miles Threshold % Overall Unit Rating Miles A 11.24 Maintenance Deficiancy M Miles U Miles M + 4U Miles Threshold % 1.04 1.04 9.25% 0.01 0.01 0.09% 0.03 0.03 0.27% 1.08 0.00 1.08 9.61% Overall Unit Rating Miles Miles M + 4U Miles Threshold % 2.47 0.11 2.91 96.68% 2.47 0.11 2.91 96.68% Overall LMA Rating Total LMA Miles Miles	Rating Miles A 7.68 Maintenance Deficiancy Enforce M Miles M Miles M Miles M Miles M Miles A 11.24 Enforce M Miles Threshold % M Miles 1.04 9.25% 0.01 0.01 0.09% 0.01 O.03 0.27% 0.01 Overall Unit Rating Total Unit Miles M Miles Threshold % M Miles M Miles U Miles Threshold % M Miles U Miles M + 4U Miles Threshold % M Miles U Miles M + 4U Miles Threshold % M Miles U Miles M + 4U Miles Threshold % M Miles	Rating Miles A 7.68 Maintenance Deficiancy Enforcement M Miles U Miles M Miles U Mile	Rating Miles A 7.68 Maintenance Deficiancy Enforcement Design & Cobsole M Miles Design & Cobsole M M Miles U Miles M Miles M Miles U Miles M + 4U Miles Threshold % M Miles U Miles M Miles Design & Cobsole M M Miles Design & Cobsole M M Miles U Miles M Miles Design & Cobsole M M Miles U Miles M Miles Design & Cobsole M M Miles U Miles M M Miles Design & Cobsole M M Miles U Miles M M Miles Design & Cobsole M M Miles U Miles M M Miles Design & Cobsole M M Miles U Miles M M Miles Design & Cobsole M M Miles U Miles M M Miles Design & Cobsole M M Miles

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sutter Bypass RB	Overall Unit Rating	Total Unit Miles						
RD0070	A	8.00						
B		Maintena	nce Deficiancy		Enforc	cement	Design & Syste Obsolescence	
Rated Item Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Encroachments					0.01			
Slope Stability	0.02		0.02	0.25%				
Unit Totals:	0.02	0.00	0.02	0.25%	0.01	0.00	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD0070	Α	15.57						
		Maintena	nce Deficiancy		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Earthen Levee Encroachments	0.06		0.06	0.39%	4.00	0.03		
Slope Stability	0.01		0.01	0.06%				
Supplemental Supplemental				2.20,0				
USACE Erosion Survey	0.83		0.83	5.33%				
Unit Totals:	0.90	0.00	0.90	5.78%	4.00	0.03	0.00	0.00
RD0108	Overall LMA	Total LMA						
	Rating	Miles						
Reclamation District No. 0108 River Farms	A	20.87	-					
			nce Deficiancy		Enforc	rement	Design 8	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Enforcement M Miles U Miles		M Miles	U Mile
Earthen Levee	IVI IVIIICS	O Willes	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIICS	O Miles	IVI IVIIICS	O IVIIIC
Encroachments					0.72			
Animal Control	0.02		0.02	0.10%				
Cracking	0.01		0.01	0.05%				
Supplemental								
USACE Erosion Survey	0.01		0.01	0.05%				
LMA Totals:	0.04	0.00	0.04	0.19%	0.72	0.00	0.00	0.00
RD0150	Overall LMA	Total LMA						
Reclamation District No. 0150 Merrit	Rating	Miles						
Island	Α	18.07						
		Maintena	nce Deficiancy		Enforc	cement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	1
Earthen Levee	0.04		0.04	4.4007	0.00	0.10		
Vegetation	0.21		0.21	1.16%	0.92	0.42		
Trim / Thin Trees	0.46		0.46	2.55%	0.0=	0.01		
Encroachments	0.15		0.15	0.83%	0.37	0.01		
Animal Control	0.02		0.02	0.11%			0.01	
Slope Stability	0.08		0.08	0.44%			0.01	
Erosion / Bank Caving	0.06		0.06	0.33%				
Crown Surface / Depressions / Rutting	0.04		0.04	0.22%				
Supplemental LISACE Erosion Survey	0.01		0.01	0.069/			0.40	
USACE Erosion Survey	0.01 1.03	0.00	0.01 1.03	0.06% 5.70%	1.29	0.43	9.40	0.00
LMA Totals:								

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sutter Slough LB	Overall Unit Rating	Total Unit Miles								
DD0450	U	0.54								
RD0150					Ι		Design 8	System		
Rated Item		1	nce Deficiancy			ement	Obsole	scence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Earthen Levee	0.44		0.44	00.070/						
Vegetation	0.11		0.11	20.37%	0.04					
Encroachments					0.01					
Unit Totals:	0.11	0.00	0.11	20.37%	0.01	0.00	0.00	0.00		
Unit No. 02 Sacramento River RB	Overall Unit	Total Unit								
	Rating	Miles								
RD0150	A	7.95								
	Maintenance Deficiancy Enforcement Design & Syst Obsolescence									
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles			
Earthen Levee										
Vegetation	0.04		0.04	0.50%	0.40	0.42				
Trim / Thin Trees	0.15		0.15	1.89%						
Encroachments	0.03		0.03	0.38%	0.08					
Slope Stability	0.04		0.04	0.50%						
Erosion / Bank Caving	0.01		0.01	0.13%						
Supplemental										
USACE Erosion Survey	0.01		0.01	0.13%						
Unit Totals:	0.28	0.00	0.28	3.52%	0.48	0.42	0.00	0.00		
Unit No. 03 Elk Slough LB	Overall Unit	Total Unit								
omento co am orongo aa	Rating	Miles								
RD0150	A	9.58								
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Miles		
Earthen Levee			1							
Vegetation	0.06		0.06	0.63%	0.52					
Trim / Thin Trees	0.31		0.31	3.24%						
Encroachments	0.12		0.12	1.25%	0.28	0.01				
Animal Control	0.02		0.02	0.21%						
Slope Stability	0.04		0.04	0.42%			0.01			
Erosion / Bank Caving	0.05		0.05	0.52%						
Crown Surface / Depressions / Rutting	0.04		0.04	0.42%						
Supplemental										
USACE Erosion Survey							9.40			
Unit Totals:	0.64	0.00	0.64	6.68%	0.80	0.01	9.41	0.00		

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0307	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0307 Lisbon	U	6.65						
	U						Design 8	& System
Rated Item			nce Deficiancy			cement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.54		0.54	7.070/	0.00		0.00	
Vegetation	0.51		0.51	7.67%	0.08		0.23	
Trim / Thin Trees	0.07		0.07	1.05%				
Encroachments	0.09		0.09	1.35%	0.33	0.05		
Animal Control	1.99		1.99	29.93%				
Erosion / Bank Caving		0.02	0.08	1.20%				
Supplemental LICACE Francisco Communication	0.44		0.44	0.000/		I		
USACE Erosion Survey	0.44	0.00	0.44	6.62%	0.44	0.05	0.00	0.00
LMA Totals:	3.10	0.02	3.18	47.82%	0.41	0.05	0.23	0.00
RD0341	Overall LMA	Total LMA						
Reclamation District No. 0341 Sherman	Rating	Miles						
Island	U	9.62						
			noo Doficionay		Enforce	cement		& System
Rated Item	M Miles	1	nce Deficiancy M + 4U Miles	Threshold %	M Miles			scence
Earthen Levee	IVI IVIIIES	U Miles	IVI + 40 IVIIIeS	Tillesilolu %	IVI IVIIIeS	O Miles	IVI IVIIIES	U Miles
Vegetation	1.87		1.87	19.44%				
Encroachments	1.07		1.07	10.1170	0.18			
Supplemental					0.10			
USACE Erosion Survey	0.04	0.29	1.20	12.47%				
LMA Totals:	1.91	0.29	3.07	31.91%	0.18	0.00	0.00	0.00
					1			
Unit No. 01 Threemile Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0341	A	3.34					Dooign	& System
Rated Item		Maintena	nce Deficiancy		Enforc	cement		scence
Nated Refi	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 02 Sparaments Diver LD	Overall Unit	Total Unit			•			
Unit No. 02 Sacramento River LB	Rating	Miles						
PD0044	U	6.28						
RD0341	Design &						& System	
Rated Item			nce Deficiancy		Enforcement		Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vogetation	1 07		1 07	20 799/				
Vegetation	1.87		1.87	29.78%	0.40			
Encroachments					0.18			
Supplemental USACE Erosion Survey	0.04	0.29	1.20	19.11%				
					0.10	0.00	0.00	0.00
Unit Totals:	1.91	0.29	3.07	48.89%	0.18	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0349	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0349 Sutter Island	U	12.49						
Island	U		5.61		_ <i>_ ,</i>		Design 8	k System
Rated Item	NA NATIO		nce Deficiancy	Th 1 - 1 - 1 - 0 /		ement	Obsole	scence
Forthern Layer	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	5.89	0.13	6.41	51.32%	0.59	0.01		
Trim / Thin Trees	0.26		0.26	2.08%				
Encroachments	0.11	0.01	0.15	1.20%	0.42	0.03		
Crown Surface / Depressions / Rutting	1.81	1.01	5.85	46.84%				
Operations & Maintenance Manuals	0.12		0.12	0.96%				
Emergency Supplies & Equipment	0.12		0.12	0.96%				
Flood Preparedness & Training	0.12		0.12	0.96%				
Supplemental								
USACE Erosion Survey	0.59	0.18	1.31	10.49%				
LMA Totals:	9.03	1.33	14.35	114.89%	1.01	0.04	0.00	0.00
Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0349	U	1.59						
		Maintena	nce Deficiancy		Enforc	ement	Design &	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.30	0.10	1.70	106.92%	0.36	0.01		
Encroachments	0.01		0.01	0.63%				
Unit Totals:	1.31	0.10	1.71	107.55%	0.36	0.01	0.00	0.00
Unit No. 02 Steamboat Slough RB	Overall Unit Rating	Total Unit Miles						
		4.05						
RD0349	U	4.35			I			
	U		nce Deficiancy		Enforc	ement		System
RD0349 Rated Item	M Miles		nce Deficiancy M + 4U Miles	Threshold %	Enforce M Miles	ement U Miles		System scence U Miles
		Maintena		Threshold %			Obsole	scence
Rated Item Earthen Levee Vegetation		Maintena		Threshold % 34.94%			Obsole	scence
Rated Item Earthen Levee	M Miles	Maintena U Miles	M + 4U Miles		M Miles		Obsole	scence
Rated Item Earthen Levee Vegetation	M Miles	Maintena U Miles	M + 4U Miles	34.94%	M Miles		Obsole	scence
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental	M Miles 1.40 0.02 0.05	Maintena U Miles 0.03 0.01	1.52 0.02 0.09	34.94% 0.46% 2.07%	M Miles	U Miles	Obsole	scence
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey	M Miles 1.40 0.02 0.05 0.47	Maintena U Miles 0.03 0.01	1.52 0.02 0.09	34.94% 0.46% 2.07% 27.36%	0.23 0.10	U Miles 0.03	M Miles	U Miles
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental	M Miles 1.40 0.02 0.05	Maintena U Miles 0.03 0.01	1.52 0.02 0.09	34.94% 0.46% 2.07%	M Miles	U Miles	Obsole	scence
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit Rating	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit Miles	1.52 0.02 0.09	34.94% 0.46% 2.07% 27.36%	0.23 0.10	U Miles 0.03	M Miles	U Miles
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey Unit Totals:	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit	1.52 0.02 0.09	34.94% 0.46% 2.07% 27.36%	0.23 0.10	U Miles 0.03	M Miles 0.00	U Miles 0.00
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey Unit Totals: Unit No. 03 Sutter Slough LB RD0349	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit Rating	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit Miles 6.55	1.52 0.02 0.09	34.94% 0.46% 2.07% 27.36%	0.23 0.10 0.33	U Miles 0.03	Obsole M Miles 0.00	U Miles 0.00
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey Unit Totals: Unit No. 03 Sutter Slough LB	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit Rating	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit Miles 6.55	1.52 0.02 0.09 1.19 2.82	34.94% 0.46% 2.07% 27.36%	0.23 0.10 0.33	0.03 0.03	Obsole M Miles 0.00	U Miles 0.00
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey Unit Totals: Unit No. 03 Sutter Slough LB RD0349 Rated Item Earthen Levee	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit Rating U M Miles	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit Miles 6.55 Maintena	M + 4U Miles 1.52 0.02 0.09 1.19 2.82 nce Deficiancy M + 4U Miles	34.94% 0.46% 2.07% 27.36% 64.83%	0.23 0.10 0.33	U Miles 0.03 0.03	Obsole M Miles 0.00 Design & Obsole	U Miles 0.00
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey Unit Totals: Unit No. 03 Sutter Slough LB RD0349 Rated Item Earthen Levee Vegetation	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit Rating U M Miles	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit Miles 6.55 Maintena	1.52 0.02 0.09 1.19 2.82 nce Deficiancy M + 4U Miles	34.94% 0.46% 2.07% 27.36% 64.83% Threshold %	0.23 0.10 0.33	U Miles 0.03 0.03	Obsole M Miles 0.00 Design & Obsole	U Miles 0.00
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey Unit Totals: Unit No. 03 Sutter Slough LB RD0349 Rated Item Earthen Levee Vegetation Trim / Thin Trees	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit Rating U M Miles 3.19 0.24	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit Miles 6.55 Maintena	1.52 0.02 0.09 1.19 2.82 nce Deficiancy M + 4U Miles 3.19 0.24	34.94% 0.46% 2.07% 27.36% 64.83% Threshold % 48.70% 3.66%	0.23 0.10 0.33 Enforce M Miles	U Miles 0.03 0.03	Obsole M Miles 0.00 Design & Obsole	U Miles 0.00
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey Unit Totals: Unit No. 03 Sutter Slough LB RD0349 Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit Rating U M Miles 3.19 0.24 0.05	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit Miles 6.55 Maintena U Miles	M + 4U Miles 1.52 0.02 0.09 1.19 2.82 nce Deficiancy M + 4U Miles 3.19 0.24 0.05	34.94% 0.46% 2.07% 27.36% 64.83% Threshold % 48.70% 3.66% 0.76%	0.23 0.10 0.33	U Miles 0.03 0.03	Obsole M Miles 0.00 Design & Obsole	U Miles 0.00
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey Unit Totals: Unit No. 03 Sutter Slough LB RD0349 Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Crown Surface / Depressions / Rutting	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit Rating U M Miles 3.19 0.24	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit Miles 6.55 Maintena	1.52 0.02 0.09 1.19 2.82 nce Deficiancy M + 4U Miles 3.19 0.24	34.94% 0.46% 2.07% 27.36% 64.83% Threshold % 48.70% 3.66%	0.23 0.10 0.33 Enforce M Miles	U Miles 0.03 0.03	Obsole M Miles 0.00 Design & Obsole	U Miles 0.00
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey Unit Totals: Unit No. 03 Sutter Slough LB RD0349 Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Crown Surface / Depressions / Rutting Supplemental	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit Rating U M Miles 3.19 0.24 0.05 1.81	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit Miles 6.55 Maintena U Miles	M + 4U Miles 1.52 0.02 0.09 1.19 2.82 nce Deficiancy M + 4U Miles 3.19 0.24 0.05 5.85	34.94% 0.46% 2.07% 27.36% 64.83% Threshold % 48.70% 3.66% 0.76% 89.31%	0.23 0.10 0.33 Enforce M Miles	U Miles 0.03 0.03	Obsole M Miles 0.00 Design & Obsole	U Miles 0.00
Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Supplemental USACE Erosion Survey Unit Totals: Unit No. 03 Sutter Slough LB RD0349 Rated Item Earthen Levee Vegetation Trim / Thin Trees Encroachments Crown Surface / Depressions / Rutting	M Miles 1.40 0.02 0.05 0.47 1.94 Overall Unit Rating U M Miles 3.19 0.24 0.05	Maintena U Miles 0.03 0.01 0.18 0.22 Total Unit Miles 6.55 Maintena U Miles	M + 4U Miles 1.52 0.02 0.09 1.19 2.82 nce Deficiancy M + 4U Miles 3.19 0.24 0.05	34.94% 0.46% 2.07% 27.36% 64.83% Threshold % 48.70% 3.66% 0.76%	0.23 0.10 0.33 Enforce M Miles	U Miles 0.03 0.03	Obsole M Miles 0.00 Design & Obsole	U Miles 0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0369 Reclamation District No. 0369 Libby	Overall LMA Rating	Total LMA Miles						
McNeil	U	0.80						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.67		0.67	83.75%	0.03			
Trim / Thin Trees	0.01		0.01	1.25%				
Encroachments					0.79			
Operations & Maintenance Manuals	0.01		0.01	1.25%				
Emergency Supplies & Equipment	0.01		0.01	1.25%				
Flood Preparedness & Training	0.01		0.01	1.25%				
LMA Totals:	0.70	0.00	0.70	87.50%	0.82	0.00	0.00	0.00

RD0501	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0501 Ryer Island	U	20.48						
Rated Item	Maintenance Deficiancy				Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	M Miles U Miles		U Miles
Earthen Levee		<u>'</u>				<u>'</u>		
Vegetation	20.95	1.08	25.27	123.39%	0.35	0.11		
Trim / Thin Trees	1.62	0.07	1.90	9.28%				
Encroachments	0.02	0.02	0.10	0.49%	0.30	0.01		
Animal Control	0.53		0.53	2.59%				
Slope Stability	0.01		0.01	0.05%				
Erosion / Bank Caving	0.07	0.01	0.11	0.54%				
Operations & Maintenance Manuals	0.20		0.20	0.98%				
Supplemental						<u>'</u>		
USACE Erosion Survey	0.23		0.23	1.12%				
LMA Totals:	23.63	1.18	28.35	138.43%	0.65	0.12	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Steamboat Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0501	U	6.76						
Dated Here		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Earthen Levee	I	I	T			T	1	
Vegetation	7.13	1.02	11.21	165.83%	0.31			
Trim / Thin Trees	1.20	0.04	1.36	20.12%				
Encroachments	0.02	0.02	0.10	1.48%	0.20			
Animal Control	0.51		0.51	7.54%				
Erosion / Bank Caving	0.06		0.06	0.89%				
Supplemental		l				I	T	T
USACE Erosion Survey	0.22		0.22	3.25%				
Unit Totals:	9.14	1.08	13.46	199.11%	0.51	0.00	0.00	0.00
Unit No. 02 Cache Slough LB	Overall Unit Rating	Total Unit Miles						
RD0501	U	3.57						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							1	
Vegetation	6.32		6.32	177.03%				
Trim / Thin Trees	0.03		0.03	0.84%				
Encroachments					0.08			
Animal Control	0.01		0.01	0.28%				
Erosion / Bank Caving	0.01		0.01	0.28%				
Supplemental								
USACE Erosion Survey	0.01		0.01	0.28%				
Unit Totals:	6.38	0.00	6.38	178.71%	0.08	0.00	0.00	0.00
Unit No. 03 Miner Slough LB	Overall Unit	Total Unit						
ome nor oo minor olough 12	Rating	Miles						
RD0501	U	7.82						
		Maintena	nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	u Miles
Earthen Levee	111 1111100	0 1111100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Till Control 70	III IVIIIOO	O Million	101 1011100	0 1711100
Vegetation	6.54		6.54	83.63%	0.03			
Trim / Thin Trees	0.27		0.27	3.45%				
Encroachments					0.02	0.01		
Erosion / Bank Caving		0.01	0.04	0.51%				
Unit Totals:	6.81	0.01	6.85	87.60%	0.05	0.01	0.00	0.00
Unit No. 04 Sutter Slough RB	Overall Unit Rating	Total Unit Miles					II.	
RD0501	U	2.33						
KD0301			D-fi-i					& System
Rated Item	M Miles		nce Deficiancy	Throphold 9/		ement		scence
Farthan Lavea	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.96	0.06	1.20	51.50%	0.01	0.11		
Trim / Thin Trees	0.12	0.03	0.24	10.30%	3.0.			
Animal Control	0.01	0.00	0.01	0.43%				
Slope Stability	0.01		0.01	0.43%				
Unit Totals:	1.10	0.09	1.46	62.66%	0.01	0.11	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0536 Reclamation District No. 0536 Egbert	Overall LMA Rating	Total LMA Miles						
residination District No. 0000 Eggert	U	10.63						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	14.27	12.97	66.15	622.30%				
Trim / Thin Trees	0.01		0.01	0.09%				
Encroachments	0.06		0.06	0.56%	0.84			
Erosion / Bank Caving	0.01	0.01	0.05	0.47%				
Cracking	0.62		0.62	5.83%				
Crown Surface / Depressions / Rutting	6.61	2.66	17.25	162.28%				
Repair Gates		0.01	0.04	0.38%				
Operations & Maintenance Manuals	0.11		0.11	1.04%				
Emergency Supplies & Equipment	0.11		0.11	1.04%				
Flood Preparedness & Training	0.11		0.11	1.04%				
Supplemental		I	T			T	1	
USACE Erosion Survey	0.38		0.38	3.58%				
LMA Totals:	22.28	15.65	84.88	798.49%	0.84	0.00	0.00	0.00
Unit No. 01 Lindsey Slough RB	Overall Unit Rating	Total Unit Miles						
RD0536	U	5.66						
Date d House		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		I				I	1	
Vegetation	9.40	3.13	21.92	387.28%				
Trim / Thin Trees	0.01		0.01	0.18%				
Erosion / Bank Caving		0.01	0.04	0.71%				
Cracking	0.62		0.62	10.95%				
Crown Surface / Depressions / Rutting	2.61	1.90	10.21	180.39%				
Repair Gates		0.01	0.04	0.71%				
Supplemental LIQA OF Francisco Quincipal	0.00	<u> </u>	0.00	0.740/		I	I	
USACE Erosion Survey	0.38	5.05	0.38	6.71%	0.00	0.00	0.00	0.00
Unit Totals:	13.02	5.05	33.22	586.93%	0.00	0.00	0.00	0.00
Unit No. 02 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD0536	U	4.97						
	Maintenance Deficiancy Enforcement				Design 8	System scence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	4.87	9.84	44.23	889.94%				
Encroachments	0.06		0.06	1.21%	0.84			
Erosion / Bank Caving	0.01		0.01	0.20%				
Crown Surface / Depressions / Rutting	4.00	0.76	7.04	141.65%				
Unit Totals:	8.94	10.60	51.34	1033.00%	0.84	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

No. Supplemental Supplemental	RD0537 Reclamation District No. 0537 Lovdal	Overall LMA Rating	Total LMA Miles	however, U	Threshold Perce Rated Miles are p instead of A.			*	
Mailes U Miles W + 4U Miles Threshold % M Miles U Miles		M *	5.95	3	Instead of A.	Enforce	omont		
Earthen Levee	Rated Item	M Miles		1	Threshold %				
Vegetation Trim / Thin Trees 0.01	Farthen I evee	IVI IVIIIES	O IVIIIes	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIICS	O ivilles	IVI IVIIICS	O WIIIes
Trim / Thin Trees 0.01						0.02			
Animal Control Slope Stability O.01 O.06 1.01% O.07 O.07 O.07 O.07% O.07% O.07 O.07% O.07 O.07 O.07 O.07 O.07 O.07 O.08 O.08 O.09 O.09 O.00 O		0.01		0.01	0.17%				
Slope Stability 0.01	Encroachments					0.01	0.19		
Usace Erosion Bank Caving Usace Erosion Survey Usace Allies are present, so the Overall Unit Rating Miles Usace Allies Usace	Animal Control	0.02	0.01	0.06	1.01%				
Usace Company Usace Co	Slope Stability	0.01		0.01	0.17%				
USACE Erosion Survey LMA Totals: 0.15 0.01 0.19 0.00	Erosion / Bank Caving	0.04		0.04	0.67%				
LIMA Totals: 0.15 0.01 0.19 3.19% * 0.03 0.19 0.00 0.00									
Unit No. 01 Sacramento River RB	USACE Erosion Survey	0.07		0.07	1.18%				
Rating Miles Wester of M	LMA Totals:	0.15	0.01	0.19	3.19% *	0.03	0.19	0.00	0.00
Rated Item	Unit No. 01 Sacramento River RB								
No. A.76 No. A.77 A.77 No. A.77 No. A.77 No. A.77 No. A.77 No. A.77 No. A.77 A.77 No. A.77 A.77						the Overa	II Unit Ratii	ng is M	
Rated Item M Miles U Miles M + 4U Miles Threshold % M Miles U	RD0537	M *	4.76	Instead of A.	•	1		Decise 6	Custom
M Miles U Miles M + 4U Miles Threshold % M Miles U Mil	Pated Item		Maintena	nce Deficiancy		Enforc	ement		
Vegetation Encroachments 0.02 0.01 0.19	Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments		l		I			I	I	
Animal Control 0.02 0.01 0.06 1.26%									
Slope Stability 0.01 0.01 0.21%						0.01	0.19		
Erosion / Bank Caving 0.04 0.04 0.84%			0.01	0.06					
USACE Erosion Survey		0.01		0.01	0.21%				
Usace Usac	Erosion / Bank Caving	0.04		0.04	0.84%				
Unit No. 02 Yolo Bypass LB		0.07		0.07	4.470/		I	I	
District No. 02 Yolo Bypass LB	· · · · · · · · · · · · · · · · · · ·		0.04			0.00	0.40	0.00	0.00
Rating Miles A 1.19	Unit Totals:	0.14	0.01	0.18	3.78% *	0.03	0.19	0.00	0.00
Rated Item	Unit No. 02 Yolo Bypass LB								
Rated Item	RD0537	A	1.19						
Rated Item			Maintena	nce Deficiancy		Enforc	ement	Design 8	& System
Trim / Thin Trees 0.01 0.01 0.84% 0.00		M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Note Compared to the compa		0.01		0.01	0.84%				
Reclamation District No. 0551 Pearson Reclamation District No. 0551 Pearson			0.00			0.00	0.00	0.00	0.00
Reclamation District No. 0551 Pearson	O'm Totalo.	0.01	0.00	0.01	0.0470	0.00	0.00	0.00	0.00
Name		Rating	Miles	however, U	Rated Miles are p				
Rated Item Rate		₩ *	6.84	rading is will	notodd Of A.			Design	Cueta
Earthen Levee Vegetation 0.10 Encroachments 0.05 Animal Control 0.02 Erosion / Bank Caving 0.01 Erosion / Bank Caving 0.01	Rated Item	M Miles			Threshold %			Obsole	scence
Vegetation 0.10 Encroachments 0.05 Animal Control 0.02 Erosion / Bank Caving 0.01 0.04 0.58%	Farthen Levee	IVI IVIIICS	O WIIICS	IVI I 40 IVIIIes	THESHOU /6	INI INIIICS	O IVIIIeS	WI WIIICS	O WIIICS
Encroachments						0.10			
Animal Control 0.02 0.02 0.29%							0.01		
Erosion / Bank Caving 0.01 0.04 0.58%		0.02		0.02	0.29%				
			0.01						
	LMA Totals:	0.02	0.01	0.06	0.88% *	0.15	0.01	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0554 Reclamation District No. 0554 Walnut	Overall LMA Rating	Total LMA Miles						
Grove	M	1.09						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.05		0.05	4.59%				
Encroachments	0.01		0.01	0.92%	0.01			
Emergency Supplies & Equipment	0.01		0.01	0.92%				
Supplemental								
USACE Erosion Survey	0.09		0.09	8.26%				
LMA Totals:	0.16	0.00	0.16	14.68%	0.01	0.00	0.00	0.00

RD0556 Reclamation District No. 0556 Upper Andrus	Overall LMA Rating U	Total LMA Miles 11.19						
Rated Item	Maintenance Deficiancy				Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	21.96	1.40	27.56	246.29%	0.73	0.06		
Trim / Thin Trees	4.55	0.03	4.67	41.73%				
Encroachments	0.01	0.09	0.37	3.31%	0.94	0.68		
Animal Control	3.58		3.58	31.99%				
Erosion / Bank Caving	0.06		0.06	0.54%				
Closure Structures	0.30		0.30	2.68%				
Operations & Maintenance Manuals	0.11		0.11	0.98%				
Emergency Supplies & Equipment	0.11		0.11	0.98%				
Flood Preparedness & Training	0.11		0.11	0.98%				
Supplemental								
USACE Erosion Survey	1.15		1.15	10.28%				
LMA Totals:	31.95	1.52	38.03	339.86%	1.67	0.74	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 01 Georgiana Slough RB	Overall Unit Rating	Total Unit Miles						
RD0556	U	5.47						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			1					
Vegetation	1.27	0.69	4.03	73.67%	0.36			
Trim / Thin Trees	0.85	0.03	0.97	17.73%				
Encroachments	0.01	0.03	0.13	2.38%	0.50	0.02		
Animal Control	3.58		3.58	65.45%				
Erosion / Bank Caving	0.06		0.06	1.10%				
Closure Structures	0.30		0.30	5.48%				
Supplemental								
USACE Erosion Survey	0.15		0.15	2.74%				
Unit Totals:	6.22	0.75	9.22	168.56%	0.86	0.02	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD0556	U	5.72						
1150000			nce Deficiancy		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
Earthen Levee								
Vegetation	20.69	0.71	23.53	411.36%	0.37	0.06		
Trim / Thin Trees	3.70		3.70	64.69%				
Encroachments		0.06	0.24	4.20%	0.44	0.66		
Supplemental			1					
USACE Erosion Survey	1.00		1.00	17.48%				
Unit Totals:	25.39	0.77	28.47	497.73%	0.81	0.72	0.00	0.00
RD0563	Overall LMA	Total LMA						
Reclamation District No. 0563 Tyler	Rating	Miles						
Island	U	12.38						
		Maintena	nce Deficiancy		Enforc	ement	Design 8	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee								
Vegetation	0.61	0.23	1.53	12.36%	0.03	0.15		
Trim / Thin Trees	0.28	0.05	0.48	3.88%				
Encroachments	0.22		0.22	1.78%	0.08		0.22	
Animal Control	0.16		0.16	1.29%				
Slope Stability	0.02	0.01	0.06	0.48%				
Erosion / Bank Caving	0.01		0.01	0.08%				
Crown Surface / Depressions / Rutting	0.07		0.07	0.57%				
Operations & Maintenance Manuals	0.12		0.12	0.97%				
Supplemental								
USACE Erosion Survey	2.92	1.10	7.32	59.13%				

LMA Totals:

4.41

1.39

9.97

80.53%

0.11

0.15

0.22

0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0755 Reclamation District No. 0755 Randall	Overall LMA Rating	Total LMA Miles							
	U	1.86							
Rated Item		Maintena	nce Deficiancy		Enforc	Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	1.94		1.94	104.30%	0.09				
Encroachments					0.01				
Animal Control	2.40		2.40	129.03%					
Operations & Maintenance Manuals	0.02		0.02	1.08%					
Emergency Supplies & Equipment	0.02		0.02	1.08%					
Flood Preparedness & Training	0.02		0.02	1.08%					
Supplemental									
USACE Erosion Survey	0.08		0.08	4.30%					
LMA Totals:	4.48	0.00	4.48	240.86%	0.10	0.00	0.00	0.00	

RD0765 Reclamation District No. 0765 Glide	Overall LMA Rating	Total LMA Miles						
	U	1.74						
Rated Item	Maintenance Deficiancy				Enforcement Design & Obsoles			
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.03	0.37	1.51	86.78%	0.01			
Trim / Thin Trees	0.91	0.19	1.67	95.98%				
Encroachments	0.01		0.01	0.58%	0.16			
Operations & Maintenance Manuals	0.02		0.02	1.15%				
Flood Preparedness & Training	0.02		0.02	1.15%				
LMA Totals:	0.98	0.56	3.22	185.06%	0.17	0.00	0.00	0.00

RD0784 Reclamation District No. 0784 Plumas	Overall LMA Rating	Total LMA Miles						
Lake	M	44.16						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	2.68	1.03	6.80	15.40%				
Encroachments					1.60	0.71		
Erosion / Bank Caving	0.01		0.01	0.02%				
Interior Drainage & Piping Systems								
Culverts: Inlets / Outlets	0.07		0.07	0.16%				
Culverts: Breaks / Holes / Cracks		0.02	0.08	0.18%				
Supplemental								
USACE Erosion Survey	0.43		0.43	0.97%				
LMA Totals:	3.19	1.05	7.39	16.73%	1.60	0.71	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	2.22						
		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.45%				
Encroachments						0.60		
Unit Totals:	0.01	0.00	0.01	0.45%	0.00	0.60	0.00	0.00
Unit No. 02 Feather River LB	Overall Unit	Total Unit						
	Rating	Miles						
RD0784	A	13.64						
2		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles U Mile	
Earthen Levee								
Encroachments						0.10		
Supplemental USACE Erosion Survey	0.42		0.42	3.08%				
Unit Totals:	0.42	0.00	0.42	3.08%	0.00	0.10	0.00	0.00
Om rotals.			0.72	0.0070	0.00	0.10	0.00	0.00
Unit No. 03 Bear River RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0784	A	4.73	5.0.				Design 8	System
Rated Item	NA NATIO		nce Deficiancy	Th 1 - 1 - 1 - 0 /		ement	Obsole	scence
Cumplemental	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental USACE Erosion Survey	0.01		0.01	0.21%				
Unit Totals:	0.01	0.00	0.01	0.21%	0.00	0.00	0.00	0.00
					l .			
Unit No. 04 Interceptor Canal RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	6.35						
KD0764			nce Deficiancy		Enforce	ement	Design & System	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
No Items	IVI IVIIICS	O WINCO	IVI I TO IVIIICO	THEODIOIG 70	IVI IVIIICO	O WIIICO	IVI IVIIICO	O WIIICO
Unit Totals:								
Utili Tolais.	0.00	0.00	0.00	0.00%				
	0.00	0.00	0.00	0.00%				
Unit No. 05 Interceptor Canal LB	Overall Unit	Total Unit	0.00	0.00%				
Unit No. 05 Interceptor Canal LB	Overall Unit Rating	Total Unit Miles	0.00	0.00%				
	Overall Unit	Total Unit Miles 4.20		0.00%	F		Design 8	
Unit No. 05 Interceptor Canal LB	Overall Unit Rating M	Total Unit Miles 4.20 Maintena	nce Deficiancy			ement	Obsole	scence
Unit No. 05 Interceptor Canal LB RD0784 Rated Item	Overall Unit Rating	Total Unit Miles 4.20		0.00% Threshold %	Enforce M Miles			scence
Unit No. 05 Interceptor Canal LB RD0784 Rated Item Earthen Levee	Overall Unit Rating M	Total Unit Miles 4.20 Maintena	nce Deficiancy				Obsole	scence
Unit No. 05 Interceptor Canal LB RD0784 Rated Item	Overall Unit Rating M	Total Unit Miles 4.20 Maintena	nce Deficiancy M + 4U Miles	Threshold %			Obsole	scence
Unit No. 05 Interceptor Canal LB RD0784 Rated Item Earthen Levee Vegetation	Overall Unit Rating M	Total Unit Miles 4.20 Maintena	nce Deficiancy M + 4U Miles	Threshold %	M Miles		Obsole	

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 06 South Dry Creek RB	Overall Unit	Total Unit						
Onit No. 06 South Dry Creek RB	Rating	Miles						
RD0784	U	1.50						
Data di Kara		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.04	4.00	0.40	440.070/			I	
Vegetation	2.04	1.03	6.16	410.67%				
Interior Drainage & Piping Systems Culverts: Inlets / Outlets	0.07		0.07	4.67%				
Culverts: Breaks / Holes / Cracks		0.02	0.08	5.33%				
Unit Totals:	2.11	1.05	6.31	420.67%	0.00	0.00	0.00	0.00
Unit No. 07 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	3.91						
5		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments						0.01		
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.01	0.00	0.00
Unit No. 08 Three Rivers RB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	1.88					Design 8	& System
Rated Item			nce Deficiancy			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items	0.00	0.00	2.22	0.000/				
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 09 Feather River, TRLIA Setback Levee LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	5.73			1		Daniera 6	Custom
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
RD0785 Reclamation District No. 0785 Driver	Overall LMA Rating	Total LMA Miles						
	U	5.61						
Rated Item		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		1.10	4.04	00 740/	0.40			
Vegetation	0.01	1.16	4.64	82.71%	0.10			
Trim / Thin Trees Encroachments	0.01		0.01	0.18%	0.01			
Animal Control	0.02	0.02	0.10	1.78%	0.01			
Slope Stability	0.02	0.02	0.10	0.36%				
Erosion / Bank Caving	0.02		0.02	0.36%				
Operations & Maintenance Manuals	0.06		0.06	1.07%				
LMA Totals:	0.12	1.18	4.84	86.27%	0.11	0.00	0.00	0.00
			-	1				

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0785	A	2.31					.	
Rated Item		Maintenance Deficiancy Enforcement		ement	Design & System Obsolescence			
Nation from	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		I			0.40			
Vegetation	0.04		0.04	0.400/	0.10			
Trim / Thin Trees Encroachments	0.01		0.01	0.43%	0.04			
	0.04		0.04	0.43%	0.01			
Erosion / Bank Caving Unit Totals:	0.01	0.00	0.01	0.43%	0.11	0.00	0.00	0.00
Unit Totals.	0.02	0.00	0.02	0.87%	0.11	0.00	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
RD0785	U	3.30						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation		1.16	4.64	140.61%				
Animal Control	0.02	0.02	0.10	3.03%				
Slope Stability	0.02		0.02	0.61%				
Unit Totals:	0.04	1.18	4.76	144.24%	0.00	0.00	0.00	0.00
DDOTOT	Overall LMA	Total LMA						
RD0787 Reclamation District No. 0787 Fair	Rating	Miles						
Recialitation District No. 0707 Fall	A	4.40						
	7.		nce Deficiancy		Enforc	ement	Design & System	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsolescence M Miles U Mile	
Earthen Levee	IVI IVIIICS	O IVIIICO	W 1 40 Willes	THEOHOL 70	IVI IVIIICO	O WIIICO	IVI IVIIICO	O WIIICO
Encroachments					2.40			
Animal Control	0.02		0.02	0.46%				
Flood Preparedness & Training	0.04		0.04	0.91%				
Supplemental								
USACE Erosion Survey	0.13		0.13	2.96%				
LMA Totals:	0.19	0.00	0.19	4.32%	2.40	0.00	0.00	0.00
RD0817	Overall LMA	Total LMA						
Reclamation District No. 0817 Carlin	Rating	Miles						
Recialitation district No. 0017 Cariffi	U	7.69						
			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	111 1111100	0 1111100	10 1111100	.11100/1010 70		3 111103		5 1711103
Vegetation	3.16	0.03	3.28	42.65%	0.06			
Encroachments						0.01		
Slope Stability	1.11		1.11	14.43%				
Flood Preparedness & Training	0.08		0.08	1.04%				
1 1000 1 repareuriess & rraining	0.00		0.00	1.0.70				

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 01 South Dry Creek LB	Overall Unit Rating	Total Unit Miles						
RD0817	U	3.82						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	1.18		1.18	30.89%				
Encroachments						0.01		
Unit Totals:	1.18	0.00	1.18	30.89%	0.00	0.01	0.00	0.00
Unit No. 02 Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0817	U	3.87						
Dated Hors		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.98	0.03	2.10	54.26%	0.06			
Slope Stability	1.11		1.11	28.68%				
Unit Totals:	3.09	0.03	3.21	82.95%	0.06	0.00	0.00	0.00
RD0827	Overall LMA	Total LMA						
Reclamation District No. 0827 Elkhorn	Rating	Miles						
	Α	4.19						
Detect Items		Maintena	nce Deficiancy		Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.02		0.02	0.48%	0.52			
Animal Control	0.03		0.03	0.72%				
Slope Stability	0.01		0.01	0.24%				
Erosion / Bank Caving	0.02		0.02	0.48%				
Cracking	0.01		0.01	0.24%				

0.09

2.15%

0.52

0.00

0.00

0.00

LMA Totals:

0.09

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0827	A	1.35						
Rated Item	Maintenance Deficiancy Enforcement					Design 8 Obsole	k System scence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.02		0.02	1.48%				
Animal Control	0.01		0.01	0.74%				
Erosion / Bank Caving	0.01		0.01	0.74%				
Unit Totals:	0.04	0.00	0.04	2.96%	0.00	0.00	0.00	0.00

Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
RD0827	Α	2.84						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Nateu itelli	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.52			
Animal Control	0.02		0.02	0.70%				
Slope Stability	0.01		0.01	0.35%				
Erosion / Bank Caving	0.01		0.01	0.35%				
Cracking	0.01		0.01	0.35%				
Unit Totals:	0.05	0.00	0.05	1.76%	0.52	0.00	0.00	0.00

RD0900	Overall LMA	Total LMA						
Reclamation District No. 0900 West	Rating	Miles						
Sacramento	U	13.57						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	7.94		7.94	58.51%	0.10			
Trim / Thin Trees	0.90		0.90	6.63%				
Encroachments	0.09		0.09	0.66%	3.95	0.01		
Animal Control	0.06		0.06	0.44%				
Slope Stability	0.05		0.05	0.37%				
Supplemental								
USACE Erosion Survey	0.44		0.44	3.24%				
LMA Totals:	9.48	0.00	9.48	69.86%	4.05	0.01	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

		I –						
Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0900	U	7.84						
Date differen		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	5.14		5.14	65.56%	0.10			
Trim / Thin Trees	0.90		0.90	11.48%				
Encroachments	0.06		0.06	0.77%	1.63	0.01		
Animal Control	0.02		0.02	0.26%				
Slope Stability	0.05		0.05	0.64%				
Supplemental	1		l	l		T		
USACE Erosion Survey	0.44		0.44	5.61%				
Unit Totals:	6.61	0.00	6.61	84.31%	1.73	0.01	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit	Total Unit						
	Rating	Miles						
RD0900	U	5.73						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	1	
Earthen Levee								
Vegetation	2.80		2.80	48.87%				
Encroachments	0.03		0.03	0.52%	2.32			
Animal Control	0.04		0.04	0.70%				
Unit Totals:	2.87	0.00	2.87	50.09%	2.32	0.00	0.00	0.00
		T						
RD0999	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0999 Netherlands	U	32.37						
Netherlands	0		5.0.				Design 8	System
Rated Item			nce Deficiancy	- 1 1 110/		ement	Obsole	scence
Forthern Laure	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.46	0.06	0.70	2.16%	0.42	0.38		
Trim / Thin Trees	1.37	0.02	1.45	4.48%				
Encroachments	0.52		0.52	1.61%	3.84	0.03		
Animal Control	1.44		1.44	4.45%				
Slope Stability	0.03		0.03	0.09%			0.03	
Erosion / Bank Caving	0.01		0.01	0.03%				
Crown Surface / Depressions / Rutting	5.54		5.54	17.12%				
Repair Gates	0.01		0.01	0.03%				
Supplemental				1 22,0				
USACE Erosion Survey	0.07		0.07	0.22%			9.45	
LMA Totals:	9.45	0.08	9.77	30.18%	4.26	0.41	9.48	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yolo Bypass LB	Overall Unit	Total Unit Miles						
	Rating							
RD0999	U	15.43					Dooign	& System
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Obsole	scence
16.65 16	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	I	<u> </u>	T		0.00		I	I
Vegetation	0.00		0.00	4.040/	0.02			
Trim / Thin Trees	0.30		0.30	1.94%	0.00			
Encroachments	0.36		0.36	2.33%	2.38			
Animal Control	0.02		0.02	0.13%				
Slope Stability	0.03		0.03	0.19%			0.03	
Erosion / Bank Caving	0.01		0.01	0.07%				
Crown Surface / Depressions / Rutting	3.15		3.15	20.42%				
Supplemental USACE Erosion Survey	0.01		0.01	0.07%				
Unit Totals:	3.88	0.00	3.88	25.15%	2.40	0.00	0.03	0.00
Offic Foldis.	3.00	0.00	5.00	23.1370	2.40	0.00	0.03	0.00
Unit No. 02 Miner Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0999	U	2.32						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	T	I	l l				I	ı
Vegetation	0.15		0.15	6.47%		0.02		
Trim / Thin Trees	0.02	0.01	0.06	2.59%				
Encroachments	0.04		0.04	1.72%	0.59	0.03		
Animal Control	0.10		0.10	4.31%				
Crown Surface / Depressions / Rutting	0.53		0.53	22.85%				
Unit Totals:	0.84	0.01	0.88	37.93%	0.59	0.05	0.00	0.00
Unit No. 03 Sutter Slough RB	Overall Unit	Total Unit						
ominion of came croagning	Rating	Miles						
RD0999	U	3.74						
		Maintena	nce Deficiancy		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.05	0.01	0.09	2.41%	0.01	0.02		
Trim / Thin Trees	0.08	0.01	0.12	3.21%				
Encroachments	0.01		0.01	0.27%				
Animal Control	0.01		0.01	0.27%				
Crown Surface / Depressions / Rutting	1.41		1.41	37.70%				
Supplemental		I	, ,					
USACE Erosion Survey	0.05		0.05	1.34%				

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Sacramento River RB	Overall Unit	Total Unit Miles						
	Rating							
RD0999	M	1.22			1		Decise 6	& System
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Obsole	scence
rated from	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		T	T				ı	ı
Vegetation	0.02		0.02	1.64%	0.19	0.04		
Trim / Thin Trees	0.13		0.13	10.66%				
Encroachments					0.06			
Supplemental LISACE Fracian Supplemental	0.01	1	0.01	0.000/			I	1
USACE Erosion Survey	0.01	0.00	0.01	0.82%	0.05	0.04	0.00	0.00
Unit Totals:	0.16	0.00	0.16	13.12%	0.25	0.04	0.00	0.00
Unit No. 05 Elk Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0999	U	9.66						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Obsole	& System scence
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		1	I				1	T
Vegetation	0.24	0.05	0.44	4.55%	0.20	0.30		
Trim / Thin Trees	0.84		0.84	8.70%				
Encroachments	0.11		0.11	1.14%	0.81			
Animal Control	1.31		1.31	13.56%				
Crown Surface / Depressions / Rutting	0.45		0.45	4.66%				
Repair Gates	0.01		0.01	0.10%				
Supplemental		ı	T					I
USACE Erosion Survey							9.45	
Unit Totals:	2.96	0.05	3.16	32.71%	1.01	0.30	9.45	0.00
BD4000	Overall LMA	Total LMA						
RD1000 Reclamation District No. 1000 Natomas	Rating	Miles						
Reciamation district No. 1000 Natomas	A	42.48						
	A		nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
Earthen Levee	111 1111100	0 1111100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	71110011010 70	101 1011100	0 1111100	141 1411100	O Willion
Vegetation	0.01		0.01	0.02%	2.98	0.76		
Encroachments	0.01		0.01	0.02%	7.43	0.68		
Slope Stability	0.01		0.01	0.02%				
Supplemental		<u> </u>						
USACE Erosion Survey	0.10		0.10	0.24%				
LMA Totals:	0.13	0.00	0.13	0.31%	10.41	1.44	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD1000	Α	18.60					Design	& System
Rated Item		1	nce Deficiancy			cement	Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Vegetation	0.01		0.01	0.05%	2.88	0.76		
Encroachments					4.70	0.68		
Supplemental								
USACE Erosion Survey	0.10		0.10	0.54%				
Unit Totals:	0.11	0.00	0.11	0.59%	7.58	1.44	0.00	0.00
Unit No. 02 American River RB	Overall Unit Rating	Total Unit Miles						
RD1000	A	2.33						
D		Maintena	nce Deficiancy		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile:
Earthen Levee								
Encroachments	0.00	0.00	0.00	0.0007	1.77	0.00	0.00	0.00
Unit Totals:	0.00	0.00	0.00	0.00%	1.77	0.00	0.00	0.00
Unit No. 03 Natomas East Canal RB	Overall Unit Rating	Total Unit Miles						
RD1000	A	17.17						
Dated He in		Maintena	nce Deficiancy		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile:
Earthen Levee		1						
Vegetation					0.10			
Encroachments	0.01		0.01	0.06%	0.96			
Slope Stability	0.01		0.01	0.06%				
Unit Totals:	0.02	0.00	0.02	0.12%	1.06	0.00	0.00	0.00
Unit No. 04 Natomas Cross Canal LB	Overall Unit Rating	Total Unit Miles						
RD1000	Α	4.38						
Dated Item		Maintena	nce Deficiancy		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
PD4004	O	TatallNAA						
RD1001	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 1001 Nicolaus	U	44.03	-					
			nce Deficiancy		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	M Miles	U Miles
Earthen Levee	111 1111100	0 1111100	111 7 10 1111100	Trii concia 70	101 1011100	O WILLOO	100 1000	C IVIIIO
Vegetation	20.66		20.66	46.92%	0.20	0.04		
Trim / Thin Trees	0.17		0.17	0.39%				
Encroachments	0.02		0.02	0.05%	3.07	0.29		
Slope Stability	0.05		0.05	0.11%				
Erosion / Bank Caving	0.01		0.01	0.02%				
Supplemental LICA CF Fracing Survey	4.04		4.04	4.4407				
USACE Erosion Survey	1.94	0.00	1.94	4.41%	0.07	0.00	0.00	0.00
LMA Totals:	22.85	0.00	22.85	51.90%	3.27	0.33	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Ventres Claust DD	Overell Hair	Total Half						
Unit No. 01 Yankee Slough RB	Overall Unit Rating	Total Unit Miles						
RD1001	Α	4.17						
B		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1	T	T	T		T	1	
Vegetation					0.06	0.01		
Encroachments	0.01		0.01	0.24%				
Unit Totals:	0.01	0.00	0.01	0.24%	0.06	0.01	0.00	0.00
Unit No. 02 Yankee Slough LB	Overall Unit Rating	Total Unit Miles						
RD1001	Α	3.66						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.03	0.01		
Trim / Thin Trees	0.01		0.01	0.27%				
Encroachments					0.26	0.02		
Erosion / Bank Caving	0.01		0.01	0.27%				
Supplemental USACE Erosion Survey	0.03	 	0.03	0.82%				
Unit Totals:	0.05	0.00	0.05	1.37%	0.29	0.03	0.00	0.00
Om Totals.	0.00	0.00	0.00	1.57 76	0.23	0.00	0.00	0.00
Unit No. 03 Bear River LB	Overall Unit	Total Unit						
	Rating	Miles						
RD1001	U	12.60			I		Design 8	& System
Rated Item	NA NATIO	1	nce Deficiancy	Th h . l . l . 0/		ement	Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Vegetation	15.93		15.93	126.43%	0.08			
Trim / Thin Trees	0.15		0.15	1.19%	0.00			
Encroachments	0.01		0.01	0.08%	1.03	0.26		
Slope Stability	0.03		0.03	0.24%		0.20		
Supplemental								
USACE Erosion Survey	0.30		0.30	2.38%				
Unit Totals:	16.42	0.00	16.42	130.32%	1.11	0.26	0.00	0.00
Unit No. 04 Feather River LB	Overall Unit Rating	Total Unit Miles						
RD1001	U	13.36						
		Maintena	nce Deficiancy		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	4.73		4.73	35.40%	0.02	0.02		
Trim / Thin Trees	0.01		0.01	0.08%				
Encroachments					0.03	0.01		
Supplemental	4.00		4.00	44.6007				
USACE Erosion Survey	1.60	0.00	1.60	11.98%	0.05	0.00	0.00	0.00
Unit Totals:	6.34	0.00	6.34	47.46%	0.05	0.03	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Sacramento River Basin (cont.)

acramento River Basin (cont.)								
Unit No. 05 Natomas Cross Canal RB	Overall Unit Rating	Total Unit Miles						
RD1001	A	5.44						
Data di Itana		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					1.71			
Supplemental								
USACE Erosion Survey	0.01		0.01	0.18%				
Unit Totals:	0.01	0.00	0.01	0.18%	1.71	0.00	0.00	0.00
Unit No. 06 East Side Canal RB	Overall Unit Rating	Total Unit Miles						
RD1001	A	4.80						
Rated Item		Maintena	nce Deficiancy		Enforc	Enforcement Design & Sys Obsolescer		
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			I					
Vegetation					0.01			
Encroachments					0.04			
Slope Stability	0.02		0.02	0.42%				
Unit Totals:	0.02	0.00	0.02	0.42%	0.05	0.00	0.00	0.00
	1							
RD1500 Reclamation District No. 1500 Sutter	Overall LMA Rating	Total LMA Miles						
Basin	M	54.35						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design & Obsoles	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.07	0.03		
Trim / Thin Trees	0.01	0.01	0.05	0.09%				
Encroachments	0.10		0.10	0.18%	5.95	0.02		
	4						1	

Animal Control

Cracking

LMA Totals:

Erosion / Bank Caving

Underseepage Relief Wells

USACE Erosion Survey

Crown Surface / Depressions / Rutting

Supplemental

0.54

0.04

0.01

5.70

0.10

6.50

0.02

0.01

0.04

0.62

0.04

0.01

5.70

0.04

0.10

6.66

1.14%

0.07%

0.02%

10.49%

0.07%

0.18%

12.25%

6.02

0.05

0.00

0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD1500	M	33.58						
5		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.07	0.03		
Trim / Thin Trees	0.01	0.01	0.05	0.15%				
Encroachments	0.09		0.09	0.27%	5.95	0.02		
Animal Control	0.52	0.02	0.60	1.79%				
Erosion / Bank Caving	0.04		0.04	0.12%				
Cracking	0.01		0.01	0.03%				
Crown Surface / Depressions / Rutting	5.70		5.70	16.97%				
Supplemental								
USACE Erosion Survey	0.10		0.10	0.30%				
Unit Totals:	6.47	0.03	6.59	19.62%	6.02	0.05	0.00	0.00
Unit No. 02 Sutter Bypass RB	Overall Unit Rating	Total Unit Miles	U Rated Mile	Threshold Perceres are present, so				
RD1500	M *	20.77	instead of A.					
5		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee								
Encroachments	0.01		0.01	0.05%				
Animal Control	0.02		0.02	0.10%				
Underseepage Relief Wells		0.01	0.04	0.19%				
Unit Totals:	0.03	0.04	0.07	0.040/	0.00	0.00	0.00	0.00
Offic Foldis.	0.03	0.01	0.07	0.34% *	0.00	0.00	0.00	0.00
RD1600	Overall LMA	Total LMA	0.07	0.34% *	0.00	0.00	0.00	0.00
RD1600	Overall LMA Rating	Total LMA Miles	0.07	0.34% *	0.00	0.00	0.00	0.00
RD1600	Overall LMA	Total LMA Miles 14.73		0.34% *				
RD1600	Overall LMA Rating	Total LMA Miles 14.73	nce Deficiancy M + 4U Miles	0.34% * Threshold %	Enforce M Miles		Design 8 Obsole	& System scence
RD1600 Reclamation District No. 1600 Mull	Overall LMA Rating U	Total LMA Miles 14.73 Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
RD1600 Reclamation District No. 1600 Mull Rated Item	Overall LMA Rating U	Total LMA Miles 14.73 Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
RD1600 Reclamation District No. 1600 Mull Rated Item Earthen Levee	Overall LMA Rating U	Total LMA Miles 14.73 Maintena	nce Deficiancy M + 4U Miles	Threshold %	Enforc	ement	Design 8 Obsole	& System scence
RD1600 Reclamation District No. 1600 Mull Rated Item Earthen Levee Vegetation	Overall LMA Rating U M Miles	Total LMA Miles 14.73 Maintena	nce Deficiancy M + 4U Miles	Threshold % 80.04%	Enforc	ement	Design 8 Obsole	& System scence

Erosion / Bank Caving

USACE Erosion Survey

LMA Totals:

Crown Surface / Depressions / Rutting

Supplemental

0.73

0.01

0.05

12.59

0.02

0.02

0.81

0.01

0.05

12.67

5.50%

0.07%

0.34%

86.01%

0.04

0.08

0.00

0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD1600	U	10.51			•			
Date d Mars		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	10.79		10.79	102.66%				
Trim / Thin Trees	0.01		0.01	0.10%				
Encroachments					0.02	0.08		
Erosion / Bank Caving	0.35	0.02	0.43	4.09%				
Supplemental LICA CF. Francia a Communication	0.05		0.05	0.400/				
USACE Erosion Survey	0.05	0.00	0.05	0.48%	0.00	0.00	0.00	0.00
Unit Totals:	11.20	0.02	11.28	107.33%	0.02	0.08	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit	Total Unit						
	Rating	Miles						
RD1600	U	4.22			_			
Date d House		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.00		1.00	23.70%				
Encroachments					0.02			
Erosion / Bank Caving	0.38		0.38	9.01%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.24%				
Unit Totals:	1.39	0.00	1.39	32.94%	0.02	0.00	0.00	0.00
	0	TatallNAA						
RD1601	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 1601 Twitchell	A	2.47						
	A		nce Deficiancy		Enforce	ement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
No Items	IVI IVIIICS	O IVIIIes	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIICS	O IVIIIes	IVI IVIIICS	O ivilies
LMA Totals:	0.00	0.00	0.00	0.00%				
LIVIA TOTAIS.	0.00	0.00	0.00	0.0078				
RD1660	Overall LMA	Total LMA						
Reclamation District No. 1660 Tisdale	Rating	Miles						
	A	12.14						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.01		0.01	0.08%	0.66			
Slope Stability	0.05		0.05	0.41%				
Supplemental								
USACE Erosion Survey	0.03		0.03	0.25%				0.53
LMA Totals:	0.09	0.00	0.09	0.74%	0.66	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD1660	Α	3.00						
Detect to a		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.01		0.01	0.33%	0.66			
Slope Stability	0.05		0.05	1.67%				
Supplemental								
USACE Erosion Survey	0.03		0.03	1.00%				
Unit Totals:	0.09	0.00	0.09	3.00%	0.66	0.00	0.00	0.00
Unit No. 02 Sutter Bypass RB	Overall Unit	Total Unit						
Olit No. 02 Outter Dypass ND	Rating	Miles						
RD1660	A	9.14						
5		Maintena	nce Deficiancy		Enforcement		Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
RD2035	Overall LMA	Total LMA						
	- ··							
Reclamation District No. 2035 Conaway	Rating	Miles						
Reclamation District No. 2035 Conaway	Rating M	Miles 12.09						
,		12.09	nce Deficiancy		Enford	ement	Design & Obsole	
Reclamation District No. 2035 Conaway Rated Item		12.09	nce Deficiancy M + 4U Miles	Threshold %	Enforce M Miles	ement U Miles		scence
Rated Item Earthen Levee	M	12.09 Maintena	, ,	Threshold %			Obsole	scence
Rated Item	M	12.09 Maintena	, ,	Threshold %			Obsole	scence
Rated Item Earthen Levee Encroachments Supplemental	M Miles	12.09 Maintena	M + 4U Miles		M Miles		Obsole	scence
Rated Item Earthen Levee Encroachments	M	12.09 Maintena	, ,	Threshold % 10.51% 10.51%	M Miles		Obsole	scence

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

<u>'</u>								
Unit No. 01 Cache Creek Settling Basin RB	Overall Unit Rating	Total Unit Miles						
RD2035	A	2.01						
2		Maintena	nce Deficiancy		Enforc	ement	Design &	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 02 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD2035	M	7.57						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					1.78			
Supplemental USACE Erosion Survey	1.27		1.27	16.78%			I	
Unit Totals:	1.27	0.00	1.27 1.27	16.78%	1.78	0.00	0.00	0.00
Offit Totals.	1.21	0.00	1.27	10.70%	1.70	0.00	0.00	0.00
Unit No. 03 Willow Slough Bypass LB	Overall Unit Rating	Total Unit Miles						
RD2035	Α	2.51						
Detect to a		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							ı	
Encroachments					2.01			
Unit Totals:	0.00	0.00	0.00	0.00%	2.01	0.00	0.00	0.00
RD2060	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 2060 Hastings	A	15.67						
	A		nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.11		0.11	0.70%				
Erosion / Bank Caving	0.01		0.01	0.06%				
Cracking							0.03	
Repair Gates	0.01		0.01	0.06%				
Operations & Maintenance Manuals	0.16		0.16	1.02%				
Supplemental USACE Erosion Survey	0.66		0.66	4.21%				
LMA Totals:	0.66	0.00	0.66	6.06%	0.00	0.00	0.03	0.00
LIVIA TOTAIS.	0.90	0.00	0.90	0.00%	0.00	0.00	0.03	0.00

Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Lindsey Slough LB	Overall Unit Rating	Total Unit Miles						
RD2060	Α	6.94						
5		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Earthen Levee			ı				T	
Vegetation	0.11		0.11	1.59%				
Erosion / Bank Caving	0.01		0.01	0.14%				
Cracking							0.03	
Repair Gates	0.01		0.01	0.14%				
Supplemental LISACE Fracian Survey	0.02		0.02	0.29%				
USACE Erosion Survey		0.00			0.00	0.00	0.00	0.00
Unit Totals:	0.15	0.00	0.15	2.16%	0.00	0.00	0.03	0.00
Unit No. 02 Ulatis Creek RB	Overall Unit Rating	Total Unit Miles						
RD2060	A	3.70						
		Maintena	nce Deficiancy		Enforc	ement	Design &	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 03 Cache Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
RD2060	M	5.03			ı		Design 8	System
Rated Item			nce Deficiancy			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Supplemental USACE Erosion Survey	0.64		0.64	12.72%				
Unit Totals:	0.64	0.00	0.64	12.72%	0.00	0.00	0.00	0.00
Office Folials.	0.04	0.00	0.04	12.7270	0.00	0.00	0.00	0.00
RD2068	Overall LMA	Total LMA						
Reclamation District No. 2068 Yolano	Rating	Miles						
	A	8.73						
		Maintena	nce Deficiancy		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Earthen Levee								
Encroachments					3.03			
LMA Totals:	0.00	0.00	0.00	0.00%	3.03	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD2068	Α	5.50						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					3.03			
Unit Totals:	0.00	0.00	0.00	0.00%	3.03	0.00	0.00	0.00
Unit No. 02 Back Levee LB	Overall Unit Rating	Total Unit Miles						
RD2068	Α	3.23						
5		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
RD2098	Overall LMA	Total LMA						
Reclamation District No. 2098 Cache	Rating	Miles						
and Haas Slough	Α	10.96						
2		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.09%				
Erosion / Bank Caving	0.04		0.04	0.37%				
Channels								
Shoaling / Sedimentation	0.23		0.23	2.10%				
Supplemental	0.00		2.22	0.400/				
USACE Erosion Survey	0.02		0.02	0.18%				
LMA Totals:	0.30	0.00	0.30	2.74%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD2098	A	3.58						
5		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Miles
Earthen Levee						I	I	
Vegetation	0.01		0.01	0.28%				
Erosion / Bank Caving Unit Totals:	0.04	0.00	0.04	1.12%	0.00	0.00	0.00	0.00
Unit Totals:	0.05	0.00	0.05	1.40%	0.00	0.00	0.00	0.00
Unit No. 01A Cross Levee RB	Overall Unit Rating	Total Unit Miles						
RD2098	A	0.55						
ND2090			nce Deficiancy		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
No Items	IVI IVIIICS	O WIIICO	W 1 40 Wiles	THEORIGIA 70	IVI IVIIICO	O IVIIICO	IVI IVIIICO	O WIIICO
Unit Totals:	0.00	0.00	0.00	0.00%				
	0	T		I.	<u> </u>			
Unit No. 02 Cache Slough LB	Overall Unit Rating	Total Unit Miles						
RD2098	A	2.01						
KD2096	Α		nce Deficiancy		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	
No Items	IVI IVIIICS	O WIIICO	W 1 40 Wiles	THICOHOIG 70	W WIICO	O IVIIICO	IVI IVIIICO	O WIIICO
Unit Totals:	0.00	0.00	0.00	0.00%				
					<u> </u>			
Unit No. 03 Haas Slough RB	Overall Unit Rating	Total Unit Miles						
RD2098	A	1.89						
ND2090	- ^		nce Deficiancy		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	U Miles
Supplemental		000		77		000		•
USACE Erosion Survey	0.01		0.01	0.53%				
Unit Totals:	0.01	0.00	0.01	0.53%	0.00	0.00	0.00	0.00
Unit No. 04 Back Levee LB	Overall Unit Rating	Total Unit Miles						
RD2098	A	2.93						
KD2090	Α		nce Deficiancy		Enforc	ement		System
Rated Item	M Miles		M + 4U Miles	Threshold %			M Miles	
Channels	IVI IVIIIC3	O WIIICS	W 1 40 Wiles	THICSHOID 70	IVI IVIIICS	O WIIICS	IVI IVIIICS	O IVIIICS
Shoaling / Sedimentation	0.23		0.23	7.85%				
Supplemental	_		· _	· 				
USACE Erosion Survey	0.01	0.00	0.01	0.34%	0.00	0.00	0.00	0.00
Unit Totals:	0.24	0.00	0.24	8.19%	0.00	0.00	0.00	0.00
RD2103	Overall LMA	Total LMA						
Reclamation District No. 2103	Rating	Miles						
Wheatland Vicinity	Α	9.77					Design 9	System
Rated Item			nce Deficiancy			ement	Obsole	scénce
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Flood Preparedness & Training	0.10		0.10	1.02%				
LMA Totals:	0.10	0.00	0.10	1.02%	0.00	0.00	0.00	0.00
LIVIA TOTALS.	0.10	0.00	0.10	1.02/0	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 02 Bear River RB	Overall Unit Rating	Total Unit Miles						
RD2103	A	5.00						
Rated Item	Maintena	nce Deficiancy		Enforc	ement		& System scence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				

RD2104	Overall LMA	Total LMA						
Reclamation District No. 2104 Peters	Rating	Miles						
Pocket Tract	U	7.40						
Rated Item		Maintena						& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	15.85	1.60	22.25	300.68%				
Trim / Thin Trees	0.05		0.05	0.68%				
Encroachments	0.01		0.01	0.14%				
Erosion / Bank Caving	0.06		0.06	0.81%				
Crown Surface / Depressions / Rutting	10.35	6.00	34.35	464.19%				
Operations & Maintenance Manuals	0.07		0.07	0.95%				
Emergency Supplies & Equipment	0.07		0.07	0.95%				
Flood Preparedness & Training	0.07		0.07	0.95%				
LMA Totals:	26.54	7.60	56.94	769.46%	0.00	0.00	0.00	0.00

ST0001 Sacramento Maintenance Yard Cache	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.							
Creek	M *	25.52	Rating is M	instead of A.						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence		
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Earthen Levee										
Vegetation					0.10					
Trim / Thin Trees	0.01		0.01	0.04%						
Encroachments	0.09		0.09	0.35%	0.44					
Animal Control	0.02		0.02	0.08%						
Erosion / Bank Caving	0.01		0.01	0.04%						
Supplemental										
USACE Erosion Survey	0.21	0.32	1.49	5.84%						
LMA Totals:	0.34	0.32	1.62	6.35% *	0.54	0.00	0.00	0.00		

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 North Levee LB	Overall Unit Rating	Total Unit Miles						
ST0001	M	11.81						
D		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.01			
Encroachments	0.05		0.05	0.42%	0.41			
Animal Control	0.01		0.01	0.09%				
Supplemental		I						
USACE Erosion Survey	0.12	0.32	1.40	11.85%				
Unit Totals:	0.18	0.32	1.46	12.36%	0.42	0.00	0.00	0.00
Unit No. 02 South Levee RB	Overall Unit Rating	Total Unit Miles						
ST0001	Α	11.43						
		Maintena	nce Deficiancy		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	IVI IVIIICS	O WIIICO	W 1 40 WIIICS	THICOHOIG 70	IVI IVIIICO	O WIIICO	IVI IVIIICO	O WIIICO
Vegetation					0.09			
Trim / Thin Trees	0.01		0.01	0.09%				
Encroachments	0.04		0.04	0.35%	0.03			
Animal Control	0.01		0.01	0.09%				
Erosion / Bank Caving	0.01		0.01	0.09%				
Supplemental	0.01		0.01	0.0070				
USACE Erosion Survey	0.09		0.09	0.79%				
Unit Totals:	0.16	0.00	0.16	1.40%	0.12	0.00	0.00	0.00
						l e	l .	
Unit No. 04 East Training Levee of	Overall Unit Rating	Total Unit Miles						
Cache Creek Settling Basin LB								
ST0001	Α	2.28			1		Design 8	System
Rated Item		Maintena	nce Deficiancy	-	Enforc	ement		scence
rated term	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
ST0002	Overall LMA	Total LMA Miles						
Sutter Maintenance Yard East Levee	Rating							
Sutter Bypass	Α	22.12			1		Design 8	System
Rated Item		Maintena	nce Deficiancy	-		ement	Obsole	System scence
rated term	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee						0.04		
Encroachments				2 222/		0.01		
Animal Control	0.05		0.05	0.23%				
Supplemental USACE Erosion Survey	0.03		0.03	0.14%				
LMA Totals:	0.03	0.00	0.03	0.14%	0.00	0.01	0.00	0.00
LIVIA TOTALS.	0.00	0.00	0.00	0.3076	0.00	0.01	0.00	0.00

Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

ST0003 Sutter Maintenance Yard East Levee	Overall LMA Rating	Total LMA Miles						
Sacramento River	A	27.17						
Rated Item						Design 8 Obsole	System scence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.05		0.05	0.18%	0.01			
Trim / Thin Trees	0.01		0.01	0.04%				
Encroachments	0.25		0.25	0.92%	0.49	0.28		
Animal Control	0.08		0.08	0.29%				
Erosion / Bank Caving	0.19		0.19	0.70%				
Supplemental								
USACE Erosion Survey	0.07		0.07	0.26%				
LMA Totals:	0.65	0.00	0.65	2.39%	0.50	0.28	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
ST0003	Α	20.39						
Rated Item		Maintena	nce Deficiancy		Enforc	cement	Design 8 Obsole	System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee				I				
Vegetation	0.01		0.01	0.05%	0.01			
Trim / Thin Trees	0.01		0.01	0.05%				
Encroachments	0.25		0.25	1.23%	0.49	0.28		
Animal Control	0.08		0.08	0.39%				
Erosion / Bank Caving	0.19		0.19	0.93%				
Supplemental USACE Erosion Survey	0.07		0.07	0.34%				
Unit Totals:	0.61	0.00	0.61	2.99%	0.50	0.28	0.00	0.00
					1	0.20		
Unit No. 02 Colusa Bypass RB	Overall Unit Rating	Total Unit Miles						
OTO000	A	2.20						
ST0003	^		D-fi-i		- Forface		Design 8	System
Rated Item	M Miles	U Miles	nce Deficiancy M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIES	U ivilles	IVI + 40 IVIIIeS	Threshold %	IVI IVIIIES	U ivilles	IVI IVIIIeS	U Miles
Vegetation	0.01		0.01	0.46%				
Unit Totals:	0.01	0.00	0.01	0.46%	0.00	0.00	0.00	0.00
	0	T-(-111-2)				1		
Unit No. 03 Colusa Bypass LB	Overall Unit Rating	Total Unit Miles						
CT0002	A	2.28						
ST0003			nce Deficiancy		Enforce	cement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsolescence M Miles U Miles	
Earthen Levee	IVI IVIIIeS	O ivilles	IVI + 40 IVIIIeS	Tillesiloid /6	IVI IVIIIES	O ivilles	IVI IVIIIES	O Miles
Vegetation	0.02		0.02	0.88%				
Unit Totals:	0.02	0.00	0.02	0.88%	0.00	0.00	0.00	0.00
Unit No. 04 Moulton Bypass RB	Overall Unit Rating	Total Unit Miles						
CT0002	A	0.30						
ST0003			D-6-i				Design 8	System
Rated Item	M Miles		nce Deficiancy	Threshold %	M Miles	cement	Obsole	
Earthen Levee	IVI IVIIIES	U Miles	M + 4U Miles	THESHOU %	ivi ivilles	U Miles	M Miles	U Miles
Vegetation	0.01		0.01	3.33%				
Unit Totals:	0.01	0.00	0.01	3.33%	0.00	0.00	0.00	0.00
Unit No. 05 Moulton Bypass LB	Overall Unit Rating	Total Unit Miles						
ST0003	Α	2.00						
Data Mi		Maintena	nce Deficiancy		Enforc	cement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				

Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

ST0004	Overall LMA	Total LMA						
Sacramento Maintenance Yard East	Rating	Miles						
Levee Yolo Bypass	Α	2.00						
,			nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Erosion / Bank Caving	0.06		0.06	3.00%				
LMA Totals:	0.06	0.00	0.06	3.00%	0.00	0.00	0.00	0.00
STOOF	Overall LMA	Total LMA						
ST0005	Rating	Miles						
Sutter Maintenance Yard Hamilton Bend	A	3.22						
			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
No Items								
LMA Totals:	0.00	0.00	0.00	0.00%				
ST0006	Overall LMA	Total LMA						
Sutter Maintenance Yard Nelson Bend	Rating	Miles						
	U	0.50			1		Design 9	& System
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Obsole	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.55		0.55	440.000/				
Vegetation Tries / This Trans	0.55		0.55	110.00%				
Trim / Thin Trees	0.44		0.44	88.00%		0.54		
Encroachments	0.00	0.00	2.22	100.000/	0.00	0.51	0.00	0.00
LMA Totals:	0.99	0.00	0.99	198.00%	0.00	0.51	0.00	0.00
ST0007	Overall LMA	Total LMA						
Sacramento Maintenance Yard Putah	Rating	Miles						
Creek	U	16.29						
5		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							<u> </u>	
Vegetation	0.13		0.13	0.80%				
Trim / Thin Trees	0.08		0.08	0.49%				
Encroachments	0.18		0.18	1.11%	1.10	1.80		
Animal Control	3.07		3.07	18.85%				
Erosion / Bank Caving	0.01		0.01	0.06%				
Supplemental LISACE Erasian Surray	0.00		0.00	0.400/				
USACE Erosion Survey	0.02	0.00	0.02	0.12%	1.40	1.00	0.00	0.00
LMA Totals:	3.49	0.00	3.49	21.42%	1.10	1.80	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Putah Creek or North Levee LB	Overall Unit Rating	Total Unit Miles						
ST0007	U	8.99						
Date d Harr		Maintena	ance Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1	1					I	
Vegetation	0.11		0.11	1.22%				
Trim / Thin Trees	0.06		0.06	0.67%				
Encroachments					0.82	1.65		
Animal Control	2.39		2.39	26.59%				
Supplemental USACE Erosion Survey	0.02		0.02	0.22%				
Unit Totals:	2.58	0.00	2.58	28.70%	0.82	1.65	0.00	0.00
Onit rotals.	2.50	0.00	2.30	20.7076	0.02	1.00	0.00	0.00
Unit No. 02 Putah Creek or South Levee	Overall Unit	Total Unit						
RB	Rating	Miles						
ST0007	M	7.30					Dooign 9	& System
Rated Item		Maintena	ance Deficiancy		Enforc	ement		scence
Trated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.00		0.00	0.070/				
Vegetation Tries / This Trans	0.02		0.02	0.27%				
Trim / Thin Trees	0.02		0.02	0.27%	0.00	0.45		
Encroachments	0.18		0.18	2.47%	0.28	0.15		
Animal Control	0.68		0.68	9.32%				
Erosion / Bank Caving	0.01	0.00	0.01	0.14%	0.00	0.45	0.00	0.00
Unit Totals:	0.91	0.00	0.91	12.47%	0.28	0.15	0.00	0.00
ST0008	Overall LMA	Total LMA						
Sacramento Maintenance Yard	Rating	Miles						
Sacramento Bypass	Α	3.51						
		Maintena	ance Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Slope Stability	0.01		0.01	0.29%				
LMA Totals:	0.01	0.00	0.01	0.29%	0.00	0.00	0.00	0.00
Unit No. 01 Sacramento Bypass or North Levee RB	Overall Unit Rating	Total Unit Miles						
ST0008	Α	1.73						
		Maintena	ance Deficiancy		Enforc	ement		& System scence
Rated Item Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Slope Stability	0.01		0.01	0.58%				
Unit Totals:	0.01	0.00	0.01	0.58%	0.00	0.00	0.00	0.00
Unit No. 02 Sacramento Bypass or	Overall Unit	Total Unit						
	Rating	Miles						
South Levee LB	Rating A	1.78						
		1.78	ance Deficiancy		Enforce	cement		& System
South Levee LB	A	1.78 Maintena	ance Deficiancy M + 4U Miles	Threshold %		ement U Miles	Obsole	scence
South Levee LB ST0008		1.78	ance Deficiancy M + 4U Miles	Threshold %	Enforce M Miles	ement U Miles		

Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

ST0009	Overall LMA	Total LMA						
Sutter Maintenance Yard Tisdale	Rating	Miles						
Bypass	Α	8.93						
Dated Harry		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					3.28			
Animal Control	0.01		0.01	0.11%				
Erosion / Bank Caving	0.01	0.00	0.01	0.11%	0.00	0.00	0.00	0.00
LMA Totals:	0.02	0.00	0.02	0.22%	3.28	0.00	0.00	0.00
Unit No. 01 Tisdale Bypass LB	Overall Unit Rating	Total Unit Miles						
ST0009	A	4.50						
		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		'						
Encroachments					1.92			
Unit Totals:	0.00	0.00	0.00	0.00%	1.92	0.00	0.00	0.00
Unit No. 02 Tisdale Bypass RB	Overall Unit Rating	Total Unit Miles						
ST0009	A	4.43						
D		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		'						
Encroachments					1.36			
Animal Control	0.01		0.01	0.23%				
Erosion / Bank Caving	0.01		0.01	0.23%				
Unit Totals:	0.02	0.00	0.02	0.45%	1.36	0.00	0.00	0.00
ST0010	Overall LMA Rating	Total LMA Miles						
Sutter Maintenance Yard Wadsworth Canal	A	9.32						
- Carlai			D-fi-i		- Forface			& System
Rated Item	M Miles	U Miles	nce Deficiancy M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIeS	O ivilles	IVI + 40 IVIIIeS	Tillesiloid /6	IVI IVIIIES	O ivilles	IVI IVIIIES	O ivilles
Animal Control	0.03		0.03	0.32%				
Slope Stability	0.01		0.01	0.11%				
Erosion / Bank Caving	0.51		0.51	5.47%				
Supplemental		T				T	T	
- 1								
USACE Erosion Survey LMA Totals:	0.05	0.00	0.05 0.60	0.54% 6.44%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 01 Wadsworth Canal LB	Overall Unit Rating	Total Unit Miles						
ST0010	Α	4.66						
	7.		nce Deficiancy		Enforc	ement	Design & Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Erosion / Bank Caving	0.08		0.08	1.72%				
Supplemental	l		l .					
USACE Erosion Survey	0.02		0.02	0.43%				
Unit Totals:	0.10	0.00	0.10	2.15%	0.00	0.00	0.00	0.00
Unit No. 02 Wadsworth Canal RB	Overall Unit Rating	Total Unit Miles						
ST0010	M	4.66						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		1
Earthen Levee	I							
Animal Control	0.03		0.03	0.64%				
Slope Stability	0.01		0.01	0.22%				
Erosion / Bank Caving	0.43		0.43	9.23%				
Supplemental								
USACE Erosion Survey	0.03		0.03	0.64%				
Unit Totals:	0.50	0.00	0.50	10.73%	0.00	0.00	0.00	0.00
ST0011	Overall LMA	Total LMA						
Sacramento Maintenance Yard West	Rating	Miles						
Levee Yolo Bypass	A	9.33						
2		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Mile
Earthen Levee								
Encroachments					3.53			
Supplemental								
USACE Erosion Survey	0.15		0.15	1.61%				

LMA Totals:

0.15

0.00

0.15

1.61%

0.00

3.53

0.00

0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 West Levee RB	Overall Unit Rating	Total Unit Miles						
ST0011	A	2.72						
610011			nce Deficiancy		Enforc	ement	Design 8	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	Obsole M Miles	U Miles
Earthen Levee		000				3 30		000
Encroachments					0.84			
Supplemental		1					1	
USACE Erosion Survey	0.15		0.15	5.52%				
Unit Totals:	0.15	0.00	0.15	5.52%	0.84	0.00	0.00	0.00
Unit No. 02 West Levee RB	Overall Unit Rating	Total Unit Miles						
CT0044	A	1.52						
ST0011			D-fi-i				Design 8	& System
Rated Item	M Miles	U Miles	nce Deficiancy	Throphold 0/		ement		U Miles
Earthen Levee	IVI IVIIIeS	U Miles	M + 4U Miles	Threshold %	ivi ivilles	U Miles	M Miles	U ivilles
Encroachments					0.93			
Unit Totals:	0.00	0.00	0.00	0.00%	0.93	0.00	0.00	0.00
Harit No. 00 Word Laws a DD	Occasil Hait	Tatal Hait						
Unit No. 03 West Levee RB	Overall Unit Rating	Total Unit Miles						
ST0011	A	1.48						
010011			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	M Miles	U Miles
No Items		000		71110011010 70		O 1111100		OO
Unit Totals:	0.00	0.00	0.00	0.00%				
		T			1		1	
Unit No. 04 West Levee RB	Overall Unit Rating	Total Unit Miles						
ST0011	A	3.61						
310011			nce Deficiancy		Enforce	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	U Miles
Earthen Levee	W WIICS	O WIIICS	IVI 1 40 IVIIICS	THICSHOID 70	IVI IVIIICS	O WIIICS	IVI IVIIICS	O WIIICS
Encroachments					1.76			
Unit Totals:	0.00	0.00	0.00	0.00%	1.76	0.00	0.00	0.00
-		I -			•			
ST0012	Overall LMA Rating	Total LMA Miles						
Sacramento Maintenance Yard Willow Slough Bypass	A	12.46						
olough Dypuss			nas Dafiaianav		Enforce	ement		& System
Rated Item	M Miles	U Miles	nce Deficiancy M + 4U Miles	Threshold %	M Miles		Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIeS	U ivilles	IVI + 40 IVIIIeS	11116211010 %	ivi ivilles	O ivilles	ivi ivilles	O Miles
Vegetation					0.13			
Encroachments					0.47			
Erosion / Bank Caving	0.05		0.05	0.40%				
		1	1					
Cracking	0.02		0.02	0.16%			0.14	

Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Willow Slough Bypass or North Levee LB	Overall Unit Rating	Total Unit Miles						
ST0012	Α	5.09						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.13			
Encroachments					0.47			
Cracking	0.02		0.02	0.39%			0.14	
Unit Totals:	0.02	0.00	0.02	0.39%	0.60	0.00	0.14	0.00
Unit No. 02 Willow Slough Bypass or South Levee RB	Overall Unit Rating	Total Unit Miles						
ST0012	A	7.37						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Erosion / Bank Caving	0.05		0.05	0.68%				
Unit Totals:	0.05	0.00	0.05	0.68%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

San Joaquin River Basin

NA0010 Lower San Joaquin Levee District	Overall LMA Rating	Total LMA Miles 191.36						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	145.00		145.00	75.77%				
Trim / Thin Trees	0.02		0.02	0.01%				
Encroachments	0.61		0.61	0.32%	1.78			
Animal Control	2.68		2.68	1.40%				
Slope Stability	0.76		0.76	0.40%				
Erosion / Bank Caving	0.13	0.01	0.17	0.09%				
Crown Surface / Depressions / Rutting	43.08		43.08	22.51%				
Interior Drainage & Piping Systems								
Vegetation & Obstructions		0.01	0.04	0.02%				
Channels								
Encroachments					0.01			
Concrete Foundations	0.01		0.01	0.01%				
LMA Totals:	192.29	0.02	192.37	100.53%	1.79	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	22.56						
Detect Hear		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			T					
Vegetation	2.45		2.45	10.86%				
Trim / Thin Trees	0.01		0.01	0.04%				
Encroachments	0.57		0.57	2.53%	0.55			
Animal Control	0.12		0.12	0.53%				
Crown Surface / Depressions / Rutting	2.40		2.40	10.64%				
Unit Totals:	5.55	0.00	5.55	24.60%	0.55	0.00	0.00	0.00
Unit No. 02A San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	7.87						
_		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	7.87		7.87	100.00%				
Encroachments					0.01			
Erosion / Bank Caving		0.01	0.04	0.51%				
Crown Surface / Depressions / Rutting	4.51		4.51	57.31%				
Unit Totals:	12.38	0.01	12.42	157.81%	0.01	0.00	0.00	0.00
Unit No. 02B San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	5.92						
14/00/10			nce Deficiancy		Enforce	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	· · · · ·	Obsole M Miles	
Earthen Levee	IVI IVIIICS	O ivilles	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIICS	O ivilles	IVI IVIIICS	O Miles
Vegetation	0.31		0.31	5.24%				
Encroachments	0.01		0.01	0.17%				
Crown Surface / Depressions / Rutting	5.58		5.58	94.26%				
Unit Totals:	5.90	0.00	5.90	99.66%	0.00	0.00	0.00	0.00
			1					
Unit No. 03 San Joaquin River RB	Overall Unit Rating	Total Unit Miles		Threshold Percei es are present, so				
NA0010	M *	2.16					Design 8	System
Rated Item			nce Deficiancy	T		ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Interior Drainage & Piping Systems Vegetation & Obstructions		0.01	0.04	1.85%				
Unit Totals:	0.00	0.01	0.04	1.85% *	0.00	0.00	0.00	0.00
Offic Totals.	0.00	0.01	0.04	1.00/0 "	0.00	0.00	0.00	0.00
Unit No. 04 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
NA0010	Α	1.58					_	
Datadilla		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					1.17			
Unit Totals:	0.00	0.00	0.00	0.00%	1.17	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

· · · · · · · · · · · · · · · · · · ·								
Unit No. 05 East Side Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	34.75	-					
NAGOTO			nce Deficiancy		Enforc	ement	Design 8	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	Obsole M Miles	U Miles
Earthen Levee		000		77		000		•
Vegetation	8.75		8.75	25.18%				
Encroachments	0.01		0.01	0.03%	0.02			
Animal Control	0.05		0.05	0.14%				
Erosion / Bank Caving	0.12		0.12	0.35%				
Crown Surface / Depressions / Rutting	6.20		6.20	17.84%				
Unit Totals:	15.13	0.00	15.13	43.54%	0.02	0.00	0.00	0.00
Unit No. 06 East Side Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	36.38						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1		1			I	I	
Vegetation	37.27		37.27	102.45%				
Encroachments					0.02			
Animal Control	0.29		0.29	0.80%				
Slope Stability	0.74		0.74	2.03%				
Crown Surface / Depressions / Rutting	1.22		1.22	3.35%				
Unit Totals:	39.52	0.00	39.52	108.63%	0.02	0.00	0.00	0.00
Unit No. 07 Bear Creek Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	3.62						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Animal Control	0.04		0.04	1.11%				
Crown Surface / Depressions / Rutting	2.46		2.46	67.96%				
Unit Totals:	2.50	0.00	2.50	69.06%	0.00	0.00	0.00	0.00
Unit No. 08 Bear Creek Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	3.63						
2		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	0.04		0.04	F 700/				
Animal Control	0.21		0.21	5.79%				
Crown Surface / Depressions / Rutting	2.22	0.00	2.22	61.16%	0.00	0.00	0.00	0.00
Unit Totals:	2.43	0.00	2.43	66.94%	0.00	0.00	0.00	0.00
Unit No. 09 Owens Creek Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	0.88						
Date I II.		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Crown Surface / Depressions / Rutting	0.40		0.40	45.46%				
Unit Totals:	0.40	0.00	0.40	45.46%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 10 Owens Creek Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	0.82						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Crown Surface / Depressions / Rutting	0.80		0.80	97.56%				
Unit Totals:	0.80	0.00	0.80	97.56%	0.00	0.00	0.00	0.00
Unit No. 11 Mariposa Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	Α	3.31						
		Maintena	nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Earthen Levee	IVI IVIIICS	O ivilles	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIICS	O Willes	IVI IVIIICS	O ivilles
Animal Control	0.01		0.01	0.30%				
Unit Totals:	0.01	0.00	0.01	0.30%	0.00	0.00	0.00	0.00
Sim rotale.	0.0.	0.00	0.0.	0.0070	0.00	0.00	0.00	0.00
Unit No. 12 Mariposa Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	3.33						
5		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee				<u> </u>				
Vegetation	6.62		6.62	198.80%				
Animal Control	0.01		0.01	0.30%				
Crown Surface / Depressions / Rutting	1.73		1.73	51.95%				
Unit Totals:	8.36	0.00	8.36	251.05%	0.00	0.00	0.00	0.00
Unit No. 13 Ash Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0010	U	1.28						
Data diliana		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	2.50		2.50	195.31%				
Animal Control	0.01		0.01	0.78%				
Crown Surface / Depressions / Rutting	0.95		0.95	74.22%				
Unit Totals:	3.46	0.00	3.46	270.31%	0.00	0.00	0.00	0.00
Unit No. 14 Ash Slough LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	1.28						
			nce Deficiancy		Enforc	ement	Design 8	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	IVI IVIIIGS	O WIIICS	IVI I 40 IVIIIes	THESHOU /6	INI INIIICS	O IVIIICS	INI INIIICS	O Willes
Vegetation	2.50		2.50	195.31%				
Crown Surface / Depressions / Rutting	1.25		1.25	97.66%				
Channels								
Concrete Foundations	0.01		0.01	0.78%				
Unit Totals:	3.76	0.00	3.76	293.75%	0.00	0.00	0.00	0.00
	L	1	1	1		1	1	

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 15 Berenda Slough RB	Overall Unit	Total Unit						
•	Rating	Miles						
NA0010	U	2.03						
2		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	3.98		3.98	196.06%				
Crown Surface / Depressions / Rutting	1.99		1.99	98.03%				
Unit Totals:	5.97	0.00	5.97	294.09%	0.00	0.00	0.00	0.00
Unit No. 16 Berenda Slough LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	1.98						
		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	3.94		3.94	198.99%				
Slope Stability	0.01		0.01	0.51%				
Crown Surface / Depressions / Rutting	1.42		1.42	71.72%				
Unit Totals:	5.37	0.00	5.37	271.21%	0.00	0.00	0.00	0.00
Unit No. 17 Chowchilla Canal Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	16.09						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	32.12		32.12	199.63%				
Encroachments	0.01		0.01	0.06%				
Animal Control	0.61		0.61	3.79%				
Crown Surface / Depressions / Rutting	5.77		5.77	35.86%				
Unit Totals:	38.51	0.00	38.51	239.34%	0.00	0.00	0.00	0.00
Unit No. 18 Chowchilla Canal Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	15.33						
Parts differen		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	17.64		17.64	115.07%				
	0.01	1	0.01	0.07%				
Encroachments	0.01							
Encroachments Crown Surface / Depressions / Rutting	1.57		1.57	10.24%				

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 22A East Side Canal LB	Overall Unit	Total Unit						
Offit No. 22A East Side Carlai LB	Rating	Miles						
NA0010	U	5.50						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			T					
Trim / Thin Trees	0.01		0.01	0.18%				
Animal Control	1.11		1.11	20.18%				
Erosion / Bank Caving	0.01		0.01	0.18%				
Crown Surface / Depressions / Rutting	0.14		0.14	2.55%				
<u>Channels</u> Encroachments					0.01			
Unit Totals:	1.27	0.00	1.27	23.09%	0.01	0.00	0.00	0.00
Unit No. 23 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	10.25						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	10.58		10.58	103.22%				
Animal Control	0.21		0.21	2.05%				
Slope Stability	0.01	0.00	0.01	0.10%	0.00	0.00	0.00	0.00
Unit Totals:	10.80	0.00	10.80	105.37%	0.00	0.00	0.00	0.00
Unit No. 24 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	8.34						
Detect to a		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	7.15		7.15	85.73%				
Encroachments					0.01			
Animal Control	0.01		0.01	0.12%				
Unit Totals:	7.16	0.00	7.16	85.85%	0.01	0.00	0.00	0.00
Unit No. 25 Salt Slough RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	2.47						
B / 11		Maintena	nce Deficiancy		Enforc	ement	Design &	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	1.32		1.32	53.44%				
Crown Surface / Depressions / Rutting	2.47		2.47	100.00%				
Unit Totals:	3.79	0.00	3.79	153.44%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0011 Madera County FCWCA	Overall LMA Rating	Total LMA Miles						
	U	26.65						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	k System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	52.77	13.25	105.77	396.89%	0.01			
Trim / Thin Trees	0.50		0.50	1.88%				
Encroachments	0.43	0.04	0.59	2.21%	0.45	0.67		
Animal Control	16.61	1.29	21.77	81.69%				
Slope Stability		0.01	0.04	0.15%				
Erosion / Bank Caving	0.01		0.01	0.04%				0.01
Crown Surface / Depressions / Rutting	0.80		0.80	3.00%				
Channels								
Encroachments	0.01		0.01	0.04%				
Supplemental								
DWR Erosion Survey	0.12		0.12	0.45%				
LMA Totals:	71.25	14.59	129.61	486.34%	0.46	0.67	0.00	0.01

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Ash Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0011	U	2.41			ı		Design 8	System
Rated Item			nce Deficiancy			ement	Obsole	scence
5 4 1	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.50		0.50	20.75%				
Encroachments	0.18	0.01	0.22	9.13%	0.03			
Animal Control	0.04	0.01	0.04	1.66%	0.00			
Supplemental	0.04		0.04	1.0070				
DWR Erosion Survey	0.12		0.12	4.98%				
Unit Totals:	0.84	0.01	0.88	36.51%	0.03	0.00	0.00	0.00
Unit No. 02 Ash Slough LB	Overall Unit Rating	Total Unit Miles						
NA0011	U	2.07						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee								
Vegetation	4.52	1.61	10.96	529.47%	0.01			
Trim / Thin Trees	0.27		0.27	13.04%				
Encroachments	0.10		0.10	4.83%	0.11	0.03		
Animal Control	2.42		2.42	116.91%				
Unit Totals:	7.31	1.61	13.75	664.25%	0.12	0.03	0.00	0.00
Unit No. 03 Berenda Slough RB	Overall Unit Rating	Total Unit Miles						
NA0011	U	1.55						
		Maintena	nce Deficiancy		Enforc	ement	Design 8	
Rated Item	M Miles	Maintena U Miles	nce Deficiancy M + 4U Miles	Threshold %	Enforce M Miles		Obsole	scence
Rated Item Earthen Levee	M Miles			Threshold %			Obsole	scence
	M Miles			Threshold %			Obsole	scence
Earthen Levee		U Miles	M + 4U Miles				Obsole	
Earthen Levee Vegetation	2.63	U Miles	M + 4U Miles 2.67	172.26%			Obsole	scence
Earthen Levee Vegetation Trim / Thin Trees	2.63 0.12	U Miles	2.67 0.12	172.26% 7.74%	M Miles	U Miles	Obsole	scence
Earthen Levee Vegetation Trim / Thin Trees Encroachments	2.63 0.12 0.03	U Miles	2.67 0.12 0.03	172.26% 7.74% 1.94%	M Miles	U Miles	Obsole	scence
Earthen Levee Vegetation Trim / Thin Trees Encroachments Animal Control Unit Totals:	2.63 0.12 0.03 0.62	0.01 0.03	2.67 0.12 0.03 0.74	172.26% 7.74% 1.94% 47.74%	M Miles	U Miles 0.01	Obsole M Miles	u Miles
Vegetation Trim / Thin Trees Encroachments Animal Control Unit Totals: Unit No. 04 Berenda Slough LB	2.63 0.12 0.03 0.62 3.40	0.01 0.03 0.04 Total Unit	2.67 0.12 0.03 0.74	172.26% 7.74% 1.94% 47.74%	M Miles	U Miles 0.01	Obsole M Miles	U Miles
Earthen Levee Vegetation Trim / Thin Trees Encroachments Animal Control Unit Totals: Unit No. 04 Berenda Slough LB NA0011	2.63 0.12 0.03 0.62 3.40 Overall Unit Rating	0.01 0.03 0.04 Total Unit Miles 2.28	2.67 0.12 0.03 0.74	172.26% 7.74% 1.94% 47.74%	0.02 0.02	U Miles 0.01	Obsole M Miles 0.00	U Miles 0.00
Vegetation Trim / Thin Trees Encroachments Animal Control Unit Totals: Unit No. 04 Berenda Slough LB	2.63 0.12 0.03 0.62 3.40 Overall Unit Rating	0.01 0.03 0.04 Total Unit Miles 2.28	2.67 0.12 0.03 0.74 3.56	172.26% 7.74% 1.94% 47.74%	0.02 0.02	0.01 0.01 eement	Obsole M Miles	0.00 System scence
Vegetation Trim / Thin Trees Encroachments Animal Control Unit Totals: Unit No. 04 Berenda Slough LB NA0011 Rated Item Earthen Levee	2.63 0.12 0.03 0.62 3.40 Overall Unit Rating U	0.01 0.03 0.04 Total Unit Miles 2.28 Maintena U Miles	2.67 0.12 0.03 0.74 3.56	172.26% 7.74% 1.94% 47.74% 229.68%	0.02 0.02	0.01 0.01 eement	Obsole M Miles 0.00 Design 8 Obsole	0.00 System scence
Earthen Levee Vegetation Trim / Thin Trees Encroachments Animal Control Unit Totals: Unit No. 04 Berenda Slough LB NA0011 Rated Item Earthen Levee Vegetation	2.63 0.12 0.03 0.62 3.40 Overall Unit Rating	0.01 0.03 0.04 Total Unit Miles 2.28 Maintena U Miles	2.67 0.12 0.03 0.74 3.56 nce Deficiancy M + 4U Miles	172.26% 7.74% 1.94% 47.74% 229.68% Threshold %	0.02 0.02 Enforce M Miles	0.01 0.01 eement	Obsole M Miles 0.00 Design 8 Obsole	0.00
Earthen Levee Vegetation Trim / Thin Trees Encroachments Animal Control Unit Totals: Unit No. 04 Berenda Slough LB NA0011 Rated Item Earthen Levee Vegetation Encroachments	2.63 0.12 0.03 0.62 3.40 Overall Unit Rating U	0.01 0.03 0.04 Total Unit Miles 2.28 Maintena U Miles	2.67 0.12 0.03 0.74 3.56	172.26% 7.74% 1.94% 47.74% 229.68% Threshold % 341.67% 3.51%	0.02 0.02	0.01 0.01 eement	Obsole M Miles 0.00 Design 8 Obsole	0.00 System scence
Earthen Levee Vegetation Trim / Thin Trees Encroachments Animal Control Unit Totals: Unit No. 04 Berenda Slough LB NA0011 Rated Item Earthen Levee Vegetation Encroachments Animal Control	2.63 0.12 0.03 0.62 3.40 Overall Unit Rating U M Miles	0.01 0.03 0.04 Total Unit Miles 2.28 Maintena U Miles	2.67 0.12 0.03 0.74 3.56 nce Deficiancy M + 4U Miles 7.79 0.08 8.19	172.26% 7.74% 1.94% 47.74% 229.68% Threshold % 341.67% 3.51% 359.21%	0.02 0.02 Enforce M Miles	0.01 0.01 U Miles	Obsole M Miles 0.00 Design 8 Obsole	0.00 System scence
Earthen Levee Vegetation Trim / Thin Trees Encroachments Animal Control Unit Totals: Unit No. 04 Berenda Slough LB NA0011 Rated Item Earthen Levee Vegetation Encroachments	2.63 0.12 0.03 0.62 3.40 Overall Unit Rating U M Miles 3.99 0.04	U Miles 0.01 0.03 0.04 Total Unit Miles 2.28 Maintena U Miles 0.95 0.01	2.67 0.12 0.03 0.74 3.56 nce Deficiancy M + 4U Miles 7.79 0.08	172.26% 7.74% 1.94% 47.74% 229.68% Threshold % 341.67% 3.51%	0.02 0.02 Enforce M Miles	0.01 0.01 U Miles	Obsole M Miles 0.00 Design 8 Obsole	U Miles 0.00 System scence

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 05 Fresno River RB	Overall Unit	Total Unit							
	Rating	Miles							
NA0011	U	9.20			1		Design & System		
Rated Item		Maintenance Deficiancy			Enforcement		Obsolescence		
Fautana Laura	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee Vegetation	12.20	1.17	16.88	183.48%					
Trim / Thin Trees	0.11	1	0.11	1.20%					
Encroachments	0.06	0.02	0.14	1.52%	0.01	0.18			
Animal Control	6.19	0.08	6.51	70.76%	0.01	01.0			
Erosion / Bank Caving	0.01	0.00	0.01	0.11%					
Crown Surface / Depressions / Rutting	0.80		0.80	8.70%					
Channels	0.00		0.00	3 070					
Encroachments	0.01		0.01	0.11%					
Unit Totals:	19.38	1.27	24.46	265.87%	0.01	0.18	0.00	0.00	
Unit No. 06 Fresno River LB	Overall Unit	Total Unit							
	Rating	Miles							
NA0011	U	9.14							
Rated Item	Maintenance Deficiancy			Enforcement		Design & System Obsolescence			
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles		
Earthen Levee									
Vegetation	28.93	9.51	66.97	732.71%					
Encroachments	0.02		0.02	0.22%	0.27				
Animal Control	3.87		3.87	42.34%					
Erosion / Bank Caving								0.01	
Unit Totals:	32.82	9.51	70.86	775.27%	0.27	0.00	0.00	0.01	
NA0013	Overall LMA	Total LMA							
Merced Streams Group	Rating	Miles							
	U	6.40							
Detect Hear		Maintenance Deficiancy		Enforcement		Design & System Obsolescence			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles		
Earthen Levee			I						
Vegetation	0.61		0.61	9.53%					
Trim / Thin Trees	0.01	0.17	0.69	10.78%					
Encroachments	0.02		0.02	0.31%	0.01	0.01			
Animal Control	1.70	0.64	4.26	66.56%					
Erosion / Bank Caving	0.01		0.01	0.16%					
Crown Surface / Depressions / Rutting	0.52		0.52	8.13%					
<u>Channels</u> Encroachments	0.40		0.40	6.25%					
Supplemental	0.40		0.40	0.2376					
DWR Erosion Survey	0.16		0.16	2.50%					
LMA Totals:	3.43	0.81	6.67	104.22%	0.01	0.01	0.00	0.00	
		1	l .						

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Black Rascal Diversion RB	Overall Unit	Total Unit						
Offic No. Of Black Rascal Diversion RB	Rating	Miles						
NA0013	U	1.64						
D		Maintena	nce Deficiancy		Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee						1		
Vegetation	0.60		0.60	36.59%				
Trim / Thin Trees		0.17	0.68	41.46%				
Encroachments					0.01			
Unit Totals:	0.60	0.17	1.28	78.05%	0.01	0.00	0.00	0.00
Unit No. 02 Black Rascal Diversion LB	Overall Unit	Total Unit						
Onit No. 02 Black Rascal Diversion LB	Rating	Miles						
NA0013	U	1.88						
			nce Deficiancy		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	scence II Miles
Earthen Levee	IVI IVIIICS	O WIIICO	W 1 40 Willes	THICOHOIC 70	IVI IVIIICO	O WIIICO	IVI IVIIICO	O WIIICO
Trim / Thin Trees	0.01		0.01	0.53%				
Encroachments	0.01		0.01	0.53%		0.01		
Animal Control	0.37		0.37	19.68%				
Erosion / Bank Caving	0.01		0.01	0.53%				
Crown Surface / Depressions / Rutting	0.10		0.10	5.32%				
Unit Totals:	0.50	0.00	0.50	26.60%	0.00	0.01	0.00	0.00
						1		
Unit No. 03 Owens Creek Diversion RB	Overall Unit Rating	Total Unit Miles						
NA0013	U	1.44						
1470013		Maintenance Deficiancy			Enforcement Design &			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsolescence M Miles U Miles	
Earthen Levee	IVI IVIIICS	O WIIICO	W 1 40 Willes	THICOHOIG 70	IVI IVIIICO	O WIIICO	W WIICS	O WINCO
Animal Control	0.10	0.13	0.62	43.06%				
Crown Surface / Depressions / Rutting	0.06		0.06	4.17%				
Supplemental								
DWR Erosion Survey	0.02		0.02	1.39%				
DWR Erosion Survey Unit Totals:	0.02 0.18	0.13	0.02 0.70	1.39% 48.61%	0.00	0.00	0.00	0.00
Unit Totals:	0.18				0.00	0.00	0.00	0.00
-		0.13 Total Unit			0.00	0.00	0.00	0.00
Unit No. 04 Owens Creek Diversion LB	0.18 Overall Unit	Total Unit			0.00	0.00	0.00	0.00
Unit No. 04 Owens Creek Diversion LB NA0013	0.18 Overall Unit Rating	Total Unit Miles 1.44	0.70				Design 8	k System
Unit No. 04 Owens Creek Diversion LB	0.18 Overall Unit Rating U	Total Unit Miles 1.44 Maintenar	0.70	48.61%	Enforc	cement	Design & Obsole	& System scence
Unit No. 04 Owens Creek Diversion LB NA0013	0.18 Overall Unit Rating	Total Unit Miles 1.44	0.70			cement	Design 8	& System scence
Unit No. 04 Owens Creek Diversion LB NA0013 Rated Item	0.18 Overall Unit Rating U	Total Unit Miles 1.44 Maintenar	0.70	48.61%	Enforc	cement	Design & Obsole	& System scence
Unit No. 04 Owens Creek Diversion LB NA0013 Rated Item Earthen Levee	0.18 Overall Unit Rating U M Miles	Total Unit Miles 1.44 Maintenar	0.70 nce Deficiancy M + 4U Miles	48.61% Threshold %	Enforc	cement	Design & Obsole	& System scence
Unit No. 04 Owens Creek Diversion LB NA0013 Rated Item Earthen Levee Vegetation	0.18 Overall Unit Rating U M Miles	Total Unit Miles 1.44 Maintenar	0.70 nce Deficiancy M + 4U Miles 0.01	48.61% Threshold % 0.69%	Enforc	cement	Design & Obsole	& System scence
Unit No. 04 Owens Creek Diversion LB NA0013 Rated Item Earthen Levee Vegetation Encroachments	0.18 Overall Unit Rating U M Miles 0.01 0.01	Total Unit Miles 1.44 Maintenar U Miles	0.70 nce Deficiancy M + 4U Miles 0.01 0.01	48.61% Threshold % 0.69% 0.69%	Enforc	cement	Design & Obsole	& System scence
Unit No. 04 Owens Creek Diversion LB NA0013 Rated Item Earthen Levee Vegetation Encroachments Animal Control Crown Surface / Depressions / Rutting Channels	0.18 Overall Unit Rating U M Miles 0.01 0.01 1.23 0.36	Total Unit Miles 1.44 Maintenar U Miles	0.70 nce Deficiancy M + 4U Miles 0.01 0.01 3.27 0.36	48.61% Threshold % 0.69% 0.69% 227.08% 25.00%	Enforc	cement	Design & Obsole	& System scence
Unit No. 04 Owens Creek Diversion LB NA0013 Rated Item Earthen Levee Vegetation Encroachments Animal Control Crown Surface / Depressions / Rutting Channels Encroachments	0.18 Overall Unit Rating U M Miles 0.01 0.01 1.23	Total Unit Miles 1.44 Maintenar U Miles	0.70 nce Deficiancy M + 4U Miles 0.01 0.01 3.27	48.61% Threshold % 0.69% 0.69% 227.08%	Enforc	cement	Design & Obsole	& System scence
Unit No. 04 Owens Creek Diversion LB NA0013 Rated Item Earthen Levee Vegetation Encroachments Animal Control Crown Surface / Depressions / Rutting Channels Encroachments Supplemental	0.18 Overall Unit Rating U M Miles 0.01 0.01 1.23 0.36	Total Unit Miles 1.44 Maintenar U Miles	0.70 nce Deficiancy M + 4U Miles 0.01 0.01 3.27 0.36 0.40	48.61% Threshold % 0.69% 0.69% 227.08% 25.00%	Enforc	cement	Design & Obsole	& System scence
Unit No. 04 Owens Creek Diversion LB NA0013 Rated Item Earthen Levee Vegetation Encroachments Animal Control Crown Surface / Depressions / Rutting Channels Encroachments	0.18 Overall Unit Rating U M Miles 0.01 0.01 1.23 0.36	Total Unit Miles 1.44 Maintenar U Miles	0.70 nce Deficiancy M + 4U Miles 0.01 0.01 3.27 0.36	48.61% Threshold % 0.69% 0.69% 227.08% 25.00%	Enforc	cement	Design & Obsole	& System scence

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0017	Overall LMA Rating	Total LMA Miles						
San Joaquin County Flood Control and	-							
Water Conservation District	M	103.96			T		1	
Rated Item	Maintenance Deficiancy				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.82		0.82	0.79%	4.19	0.37		
Trim / Thin Trees	0.03		0.03	0.03%				
Encroachments	1.68	0.01	1.72	1.65%	21.20	1.63		
Animal Control	0.59	0.03	0.71	0.68%				
Slope Stability	0.72	0.01	0.76	0.73%				
Erosion / Bank Caving	0.11		0.11	0.11%				
Cracking	0.02		0.02	0.02%				
Crown Surface / Depressions / Rutting	0.17		0.17	0.16%				
Interior Drainage & Piping Systems								
Flap Gates	0.01	0.01	0.05	0.05%				
Concrete Floodwalls								
Monolith Joints	0.06		0.06	0.06%				
Supplemental								
DWR Erosion Survey	0.17	1.68	6.89	6.63%				
LMA Totals:	4.38	1.74	11.34	10.91%	25.39	2.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Littlejohn Creek LB	Overall Unit Rating	Total Unit Miles	* Overall Unit U Rated Mile						
NA0017	M *	2.87	instead of A.	-					
Rated Item	Maintenance Deficiancy				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee						1	1	ı	
Encroachments	0.03		0.03	1.05%	0.26				
Animal Control	0.03		0.03	1.05%					
Slope Stability	0.01		0.01	0.35%					
Interior Drainage & Piping Systems			T	I . =		ı	ı		
Flap Gates	0.01	0.01	0.05	1.74%					
Unit Totals:	0.08	0.01	0.12	4.18% *	0.26	0.00	0.00	0.00	
Unit No. 02 Littlejohn Creek RB	Overall Unit Rating	Total Unit Miles							
NA0017	Α	3.21							
Rated Item		Maintena	Maintenance Deficiancy			Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile	
Earthen Levee						1	1		
Encroachments	0.01		0.01	0.31%	1.56				
Animal Control	0.01		0.01	0.31%					
Erosion / Bank Caving	0.01		0.01	0.31%					
Crown Surface / Depressions / Rutting	0.01		0.01	0.31%					
Unit Totals:	0.04	0.00	0.04	1.25%	1.56	0.00	0.00	0.00	
Unit No. 06 SPRR Drain LB	Overall Unit	Total Unit							
Onit No. 00 of KK Diam EB	Rating	Miles							
NA0017	A	0.50							
NA0017	Maintenance Deficiancy			Enforcement		Design & System			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	Obsole M Miles	u Mile	
Earthen Levee	IVI IVIIIeS	O ivilles	IVI + 40 IVIIIeS	Tillesiloid /6	IVI IVIIIES	O ivilles	IVI IVIIIES	O Wille	
Slope Stability	0.01		0.01	2.00%					
Unit Totals:	0.01	0.00	0.01	2.00%	0.00	0.00	0.00	0.00	
Unit No. 07 Bear Creek RB	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M					1	
NA0017	M *	16.69	instead of A.		o uno ovora	n Ome radi	19 10 W		
10017			nce Deficiancy	Enforcement		Design & System Obsolescence			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %			M Miles		
Earthen Levee		•		71001.010 70		000	1	0	
Vegetation	0.02		0.02	0.12%	0.06				
Trim / Thin Trees	0.03		0.03	0.18%					
Encroachments	0.35		0.35	2.10%	3.65	0.01			
Animal Control	0.06	0.01	0.10	0.60%					
Slope Stability	0.40		0.40	2.40%					
Crown Surface / Depressions / Rutting	0.02		0.02	0.12%					
		l .		_ , <u>_</u>					

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 08 Bear Creek LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0017	Α	16.47						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee						T		
Vegetation	0.34		0.34	2.06%	0.15	0.04		
Encroachments	0.12		0.12	0.73%	2.25	0.62		
Animal Control	0.04		0.04	0.24%				
Slope Stability	0.03		0.03	0.18%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.06%				
Concrete Floodwalls	0.04		0.04	0.040/				
Monolith Joints	0.04	0.00	0.04	0.24%	0.40	0.00	0.00	0.00
Unit Totals:	0.58	0.00	0.58	3.52%	2.40	0.66	0.00	0.00
Unit No. 09 Paddy Creek LB	Overall Unit Rating	Total Unit Miles						
NA0017	A	1.54	1					
		Maintena	ince Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee						I		
Encroachments					0.77			
Unit Totals:	0.00	0.00	0.00	0.00%	0.77	0.00	0.00	0.00
Unit No. 10 Paddy Creek RB	Overall Unit	Total Unit						
·	Rating	Miles						
NA0017	Α	1.42						
5		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					1.70			
Animal Control	0.01		0.01	0.70%				
Unit Totals:	0.01	0.00	0.01	0.70%	1.70	0.00	0.00	0.00
Unit No. 11 North Paddy Creek RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0017	Α	3.56						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Kaled Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.01		0.01	0.28%	1.76	0.07		
Liicidaciinients	0.01		0.01	0.28%		0.07	0.00	

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 12 North Paddy Creek LB	Overall Unit Rating	Total Unit Miles	U Rated Mile	Threshold Percei es are present, so				
NA0017	M *	3.53	instead of A					
Rated Item		Maintena	ince Deficiancy		Enforc	ement		& System scence
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation					0.06		T	
Encroachments	0.06	0.01	0.10	2.83%	1.44	0.39		
Animal Control	0.06	0.01	0.10	0.28%	1.44	0.39		
Slope Stability	0.01		0.01	0.26%				
				0.57%				
Erosion / Bank Caving	0.02		0.02					
Crown Surface / Depressions / Rutting	0.01	0.04	0.01	0.28%	4.50	0.00	0.00	0.00
Unit Totals:	0.12	0.01	0.16	4.53% *	1.50	0.39	0.00	0.00
Unit No. 13 Middle Paddy Creek LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0017	A	1.40						
Dotod Itom		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile:
Earthen Levee								
Encroachments					1.39			
Animal Control	0.02		0.02	1.43%				
Unit Totals:	0.02	0.00	0.02	1.43%	1.39	0.00	0.00	0.00
Unit No. 14 Middle Paddy Creek RB	Overall Unit Rating	Total Unit Miles						
NA0017	A	1.40						
-		Maintena	nce Deficiancy		Enforcement			& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	1
Earthen Levee								
Encroachments					0.53			
Animal Control	0.04		0.04	2.86%				
Erosion / Bank Caving	0.01		0.01	0.71%				
Unit Totals:	0.05	0.00	0.05	3.57%	0.53	0.00	0.00	0.00
Unit No. 15 Mormon Slough RB	Overall Unit Rating	Total Unit Miles						
NA0017	M	25.62	-					
		Maintena	ince Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %			M Miles	Scence U Mile:
Earthen Levee	101 1011100	0 1111100	111 7 10 1111100	Triiodridia 70	101 1011100	0 1111100	100 100	0 111110
Vegetation	0.02		0.02	0.08%	2.74			
Encroachments	0.45		0.45	1.76%	3.19	0.43		
Animal Control	0.23	0.01	0.27	1.05%				
Slope Stability	0.15		0.15	0.59%				
	0.05		0.05	0.20%				
Erosion / Bank Caving		i .						
Erosion / Bank Caving Crown Surface / Depressions / Rutting			0.01	0.04%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.04%				
3			0.01	0.04%				
Crown Surface / Depressions / Rutting Concrete Floodwalls	0.01							
Crown Surface / Depressions / Rutting Concrete Floodwalls Monolith Joints	0.01	0.92						

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 16 Mormon Slough LB	Overall Unit Rating	Total Unit Miles						
NA0017	M	24.00						
5 . 15		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Vegetation	0.44		0.44	1.83%	1.18	0.33		
Encroachments	0.59		0.59	2.46%	2.49	0.11		
Animal Control	0.13	0.01	0.17	0.71%				
Slope Stability	0.09	0.01	0.13	0.54%				
Erosion / Bank Caving	0.02		0.02	0.08%				
Cracking	0.02		0.02	0.08%				
Crown Surface / Depressions / Rutting Supplemental	0.11		0.11	0.46%				
DWR Erosion Survey	0.17	0.76	3.21	13.38%				
Unit Totals:	1.57	0.78	4.69	19.54%	3.67	0.44	0.00	0.00
Unit No. 17 Potter Creek RB	Overall Unit Rating	Total Unit Miles						
NA0017	A	0.86			_			
Detect to a		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee Encroachments	0.06		0.06	6.98%				
Animal Control	0.01		0.01	1.16%				
Slope Stability	0.01		0.01	1.16%				
Unit Totals:	0.08	0.00	0.08	9.30%	0.00	0.00	0.00	0.00
Unit No. 18 Potter Creek LB	Overall Unit Rating	Total Unit Miles						
NA0017	Α	0.89						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee Encroachments					0.21			
Concrete Floodwalls							1	
Monolith Joints	0.01		0.01	1.12%				
Unit Totals:	0.01	0.00	0.01	1.12%	0.21	0.00	0.00	0.00
RD0001 Reclamation District No. 0001 Union	Overall LMA Rating	Total LMA Miles	however, U	Threshold Perce Rated Miles are p				
Island	M *	1.15	Rating is M	instead of A.				
2		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee								
Vegetation	0.01		0.01	0.87%				
Animal Control	0.03		0.03	2.61%				
Supplemental DWR Erosion Survey		0.01	0.04	3.48%				
LMA Totals:	0.04	0.01	0.04	6.96% *	0.00	0.00	0.00	0.00
LIVIA TOTAIS.	0.04	0.01	0.06	0.30% *	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0017 Reclamation District No. 0017 Mossdale	Overall LMA Rating	Miles		Threshold Perce Rated Miles are p			- /	
	M *	16.24		Instead of A.			Design 8	& System
Rated Item			nce Deficiancy			ement	Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Vegetation	0.03		0.03	0.19%	0.03	0.25		
Trim / Thin Trees	0.01		0.01	0.06%				
Encroachments		0.01	0.04	0.25%	0.03	0.04		
Supplemental							<u>'</u>	
DWR Erosion Survey	0.01	0.02	0.09	0.55%				
LMA Totals:	0.05	0.03	0.17	1.05% *	0.06	0.29	0.00	0.00
Unit No. 01 French Camp Slough LB	Overall Unit Rating	Total Unit Miles						
RD0017	Α	1.79						
Rated Item		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 02 San Joaquin River RB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
DD0047	M *	14.45	instead of A.		Tile Overa	ii Oriit i tatii	ig is ivi	
RD0017	IVI		D-fi-i				Design 8	& System
Rated Item	NA NAILee	1	nce Deficiancy	Thursday 1		ement		scence
Faultan Laura	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.03		0.03	0.21%	0.03	0.25		
Trim / Thin Trees	0.01		0.01	0.07%	0.00	0.20		
Encroachments	0.01	0.01	0.04	0.28%	0.03	0.04		
Supplemental		0.01	0.04	0.2070	0.00	0.04		
DWR Erosion Survey	0.01	0.02	0.09	0.62%				
Unit Totals:	0.05	0.03	0.17	1.18% *	0.06	0.29	0.00	0.00
RD0404 Reclamation District No. 0404 Boggs	Overall LMA Rating	Total LMA Miles						
Neolamation District No. 0 10 1 Doggo	U	4.12						
Dated Hear		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Miles
Earthen Levee	0.22		0.22	F 240/			I	
Vegetation	0.22	0.07	0.22	5.34%				
Trim / Thin Trees	0.08	0.07	0.36	8.74%				
Encroachments	0.07	0.01	0.11	2.67%				
Animal Control	0.12		0.12	2.91%				
Slope Stability	0.10		0.10	2.43%				
Erosion / Bank Caving	0.03		0.03	0.73%				
Crown Surface / Depressions / Rutting	0.69		0.69	16.75%				
Supplemental DWR Erosion Survey		0.10	0.40	9.71%				
LMA Totals:	1 24				0.00	0.00	0.00	0.00
I IVIA I Ofals:	1.31	0.18	2.03	49.27%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
RD0404	U	2.36						
Detections		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Earthen Levee	I		T	T		T	1	
Vegetation	0.22		0.22	9.32%				
Trim / Thin Trees	0.05		0.05	2.12%				
Encroachments	0.02		0.02	0.85%				
Animal Control	0.10		0.10	4.24%				
Slope Stability	0.03		0.03	1.27%				
Erosion / Bank Caving	0.01		0.01	0.42%				
Supplemental DWD Fracian Surrey	I	0.40	0.40	40.050/				
DWR Erosion Survey	0.40	0.10	0.40	16.95%	0.00	0.00	0.00	0.00
Unit Totals:	0.43	0.10	0.83	35.17%	0.00	0.00	0.00	0.00
Unit No. 02 French Camp Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0404	U	1.76						
B		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Mile
Earthen Levee							1	
Trim / Thin Trees	0.03	0.07	0.31	17.61%				
Encroachments	0.05	0.01	0.09	5.11%				
Animal Control	0.02		0.02	1.14%				
Slope Stability	0.07		0.07	3.98%				
Erosion / Bank Caving	0.02		0.02	1.14%				
Crown Surface / Depressions / Rutting	0.69		0.69	39.21%				
Unit Totals:	0.88	0.08	1.20	68.18%	0.00	0.00	0.00	0.00
RD0524	Overall LMA	Total LMA						
Reclamation District No. 0524 Middle	Rating	Miles						
Roberts Island	U	6.26						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Earthen Levee								
Vegetation	0.27	0.29	1.43	22.84%	0.07	0.02		
Trim / Thin Trees	0.73	0.22	1.61	25.72%				
Encroachments	0.22	0.02	0.30	4.79%	0.11	0.09		
Animal Control	0.35		0.35	5.59%				
Slope Stability	0.14	0.02	0.22	3.51%				
Erosion / Bank Caving	0.19	0.33	1.51	24.12%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.16%				
Operations & Maintenance Manuals	0.06		0.06	0.96%				
Flood Preparedness & Training	0.06		0.06	0.96%				
Interior Drainage & Piping Systems								
Metal Pipes	0.01		0.01	0.16%				
Supplemental DWR Erosion Survey	0.07	0.29	1.23	19.65%				
					0.40	0.44	0.00	0.00
LMA Totals:	2.12	1.17	6.80	108.63%	0.18	0.11	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0544	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0544 Upper Roberts Island	U	10.33						
Dotad Itam		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	4.88	0.10	5.28	51.11%	0.06			
Trim / Thin Trees	0.02		0.02	0.19%				
Encroachments	0.17	0.01	0.21	2.03%	0.09	0.11		
Animal Control	0.27		0.27	2.61%				
Slope Stability	0.04	0.02	0.12	1.16%				
Erosion / Bank Caving	0.03	0.01	0.07	0.68%				
Crown Surface / Depressions / Rutting	0.71	0.01	0.75	7.26%				
Flood Preparedness & Training	0.10		0.10	0.97%				
Interior Drainage & Piping Systems								
Erosion Areas		0.01	0.04	0.39%				
Channels		T	T				T	
Erosion / Bank Caving		0.01	0.04	0.39%				
Encroachments		0.01	0.04	0.39%				
Supplemental		1						
DWR Erosion Survey		0.05	0.20	1.94%				
LMA Totals:	6.22	0.23	7.14	69.12%	0.15	0.11	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
	U	6.11						
RD0544	U		5.01		l _ ,		Design 8	& System
Rated Item			nce Deficiancy			ement	Obsole	scence
Fautor Lava	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	2.72	0.07	3.00	49.10%	0.06			
Trim / Thin Trees	0.01	0.01	0.01	0.16%	0.00			
Encroachments	0.15		0.15	2.46%	0.02	0.03		
Animal Control	0.15		0.15	2.46%	0.02	0.00		
Slope Stability	0.13	0.01	0.13	1.15%				
	0.03	0.01	0.07	1.15%				
Erosion / Bank Caving								
Crown Surface / Depressions / Rutting	0.37	0.01	0.41	6.71%				
Supplemental DWR Erosion Survey		0.02	0.08	1.31%				
Unit Totals:	3.46	0.02	3.94	64.48%	0.08	0.03	0.00	0.00
Offit Totals.	3.40	0.12	3.94	04.40%	0.06	0.03	0.00	0.00
Unit No. 02 Old River RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0544	U	4.22						
5		Maintena	nce Deficiancy		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee								
Vegetation	2.16	0.03	2.28	54.03%				
Trim / Thin Trees	0.01		0.01	0.24%				
Encroachments	0.02	0.01	0.06	1.42%	0.07	0.08		
Animal Control	0.12		0.12	2.84%				
Slope Stability	0.01	0.01	0.05	1.18%				
Crown Surface / Depressions / Rutting	0.34		0.34	8.06%				
Interior Drainage & Piping Systems								
Erosion Areas		0.01	0.04	0.95%				
Channels		I					1	I
Erosion / Bank Caving		0.01	0.04	0.95%				
Encroachments		0.01	0.04	0.95%				
Supplemental	I	T				ı	ı	ı
DWR Erosion Survey		0.03	0.12	2.84%				
Unit Totals:	2.66	0.11	3.10	73.46%	0.07	0.08	0.00	0.00
RD1602	Overall LMA	Total I MA						
Reclamation District No. 1602 Del	Rating	Miles						
Puerto	U	6.29						
1 4010			D-fi-i				Design 8	& System
Rated Item	NA NATIO		nce Deficiancy	Th h - L-1 0/		ement		scence
5 11 1	M Miles	U Miles	M + 4U Miles	Threshold %	IVI IVIIIes	U Miles	M Miles	U Miles
Earthen Levee Vegetation	2.10		2.10	33.39%	0.01			
Encroachments	0.04		0.04	0.64%	2.99			
					2.99			
Animal Control	0.55		0.55	8.74%				
Slope Stability	0.04		0.04	0.64%				
Interior Drainage & Piping Systems Encroachments	0.01		0.01	0.16%				
Flap Gates	0.01		0.01	0.16%				
Concrete Tilting / Settlement	0.01		0.01	0.16%				
		0.00			2.00	0.00	0.00	0.00
LMA Totals:	2.76	0.00	2.76	43.88%	3.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2031	Overall LMA							
Reclamation District No. 2031 Elliot	Rating M	Miles						
	IVI	13.19	5.0.				Design 8	& System
Rated Item	NA NAHAA		nce Deficiancy	Thursday 1		ement	Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Vegetation	0.02		0.02	0.15%	0.24	0.03		
Trim / Thin Trees	0.61		0.61	4.63%				
Encroachments	0.52		0.52	3.94%	0.22	0.38		
Animal Control	0.14	0.03	0.26	1.97%				
Erosion / Bank Caving	0.03	0.01	0.07	0.53%				
Crown Surface / Depressions / Rutting	0.07		0.07	0.53%				
Interior Drainage & Piping Systems								
Flap Gates		0.01	0.04	0.30%				
Supplemental								
DWR Erosion Survey	0.04		0.04	0.30%				
LMA Totals:	1.43	0.05	1.63	12.36%	0.46	0.41	0.00	0.00
Unit No. 01 Stanislaus River LB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
RD2031	M *	7.15	instead of A					
ND2001			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIICO	O WIIICO	IVI 1 40 IVIIICO	Till Colloid 70	IVI IVIIICO	O WIIICO	IVI IVIIICO	O WIIICO
Vegetation	0.01		0.01	0.14%	0.24	0.01		
Encroachments	0.02		0.02	0.28%	0.22	0.36		
Animal Control	0.02	0.01	0.06	0.84%				
Erosion / Bank Caving	0.03		0.03	0.42%				
Crown Surface / Depressions / Rutting	0.07		0.07	0.98%				
Interior Drainage & Piping Systems								
Flap Gates		0.01	0.04	0.56%				
Supplemental DWR Erosion Survey	0.04		0.04	0.56%			I	
Unit Totals:	0.04	0.02	0.04	3.78% *	0.46	0.37	0.00	0.00
Offic Foldis.	0.19	0.02	0.27	3.7070	0.40	0.57	0.00	0.00
Unit No. 02 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
RD2031	U	6.04						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.17%		0.02		
Trim / Thin Trees	0.61		0.61	10.10%				
Encroachments	0.50		0.50	8.28%		0.02		
Animal Control	0.12	0.02	0.20	3.31%				
Erosion / Bank Caving		0.01	0.04	0.66%				
Unit Totals:	1.24	0.03	1.36	22.52%	0.00	0.04	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2058 Reclamation District No. 2058	Overall LMA Rating	Total LMA Miles						
Pescadaro	Α	6.71						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.06		0.06	0.89%				
Encroachments	0.01		0.01	0.15%		0.02		
Animal Control	0.01		0.01	0.15%				
Supplemental								
DWR Erosion Survey	0.05		0.05	0.75%				
LMA Totals:	0.13	0.00	0.13	1.94%	0.00	0.02	0.00	0.00

RD2062 Reclamation District No. 2062 Stewart	Overall LMA Rating	Total LMA Miles						
	U	12.35						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.26		1.26	10.20%				
Trim / Thin Trees	0.02		0.02	0.16%				
Encroachments	1.80		1.80	14.58%				
Animal Control	0.10		0.10	0.81%				
Slope Stability	0.02		0.02	0.16%				
Erosion / Bank Caving	0.03		0.03	0.24%				
Crown Surface / Depressions / Rutting		0.22	0.88	7.13%				
Supplemental								
DWR Erosion Survey	0.17	0.19	0.93	7.53%				
LMA Totals:	3.40	0.41	5.04	40.81%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River LB	Overall Unit	Total Unit						
	Rating	Miles						
RD2062	U	2.69			1		Design 8	& System
Rated Item			nce Deficiancy			cement	Obsole	scence
Fadharda	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Earthen Levee Animal Control	0.04		0.04	1.49%				
Slope Stability	0.02		0.02	0.74%				
Erosion / Bank Caving	0.02		0.02	0.74%				
Crown Surface / Depressions / Rutting	0.02	0.22	0.88	32.71%				
Supplemental		V-1						
DWR Erosion Survey	0.01		0.01	0.37%				
Unit Totals:	0.09	0.22	0.97	36.06%	0.00	0.00	0.00	0.00
Unit No. 02 Paradise Cut RB	Overall Unit Rating	Total Unit Miles						
RD2062	U	4.03						
2		Maintena	nce Deficiancy		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee						1	1	I
Vegetation	1.26		1.26	31.27%				
Trim / Thin Trees	0.01		0.01	0.25%				
Encroachments	1.78		1.78	44.17%				
Animal Control	0.04		0.04	0.99%				
Supplemental DWR Erosion Survey	0.11		0.11	2.73%				
Unit Totals:	3.20	0.00	3.20	79.40%	0.00	0.00	0.00	0.00
O'm Totalo.			0.20	7 3.40 70	0.00	0.00	0.00	0.00
Unit No. 03 Old River LB	Overall Unit Rating	Total Unit Miles						
RD2062	M	5.63			1		Denim 6	Custom
Rated Item		Maintena	nce Deficiancy		Enforc	cement		& System scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Trim / Thin Trees	0.01	1	0.01	0.18%				I
Encroachments	0.01		0.01	0.16%				
Animal Control	0.02		0.02	0.36%				
Erosion / Bank Caving	0.02		0.02	0.30%				
Supplemental	0.01		0.01	0.1076				
DWR Erosion Survey	0.05	0.19	0.81	14.39%				
Unit Totals:	0.11	0.19	0.87	15.45%	0.00	0.00	0.00	0.00
			1		•			•
RD2063	Overall LMA	Total LMA Miles						
Reclamation District No. 2063 Crows Landing	Rating U	10.63	-					
Landing	0		5.0.				Design 8	& System
		Maintena	nce Deficiancy			cement	Obsole	scence
Rated Item	NA NAH	LINAH	NA . ALLNAM.					U Miles
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	0
Earthen Levee		U Miles			IVI IVIIIes	U Miles	IVI IVIIIeS	
Earthen Levee Vegetation	M Miles	U Miles	1.10	10.35%		0.47	IVI IVIIIeS	
Earthen Levee Vegetation Encroachments	1.10	U Miles	1.10	10.35%	0.81		IVI IVIIIes	
Earthen Levee Vegetation Encroachments Animal Control	1.10 0.11		1.10	10.35%			IVI IVIIIES	
Earthen Levee Vegetation Encroachments	1.10	U Miles	1.10	10.35%			IVI Willes	

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2064	Overall LMA	Total LMA						
Reclamation District No. 2064 River	Rating	Miles						
Junction	Α	11.90						
Dataditas		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		ı	ı				ı	I
Encroachments					0.16			
Crown Surface / Depressions / Rutting	0.97		0.97	8.15%				
LMA Totals:	0.97	0.00	0.97	8.15%	0.16	0.00	0.00	0.00
Jnit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
RD2064	Α	5.70						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee			1					
Crown Surface / Depressions / Rutting	0.01		0.01	0.18%				
Unit Totals:	0.01	0.00	0.01	0.18%	0.00	0.00	0.00	0.00
Jnit No. 02 Stanislaus River RB	Overall Unit Rating	Total Unit Miles						
RD2064	M	6.20						
	Maintenance Deficiancy				Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.16			
Crown Surface / Depressions / Rutting	0.96		0.96	15.48%				
Unit Totals:	0.96	0.00	0.96	15.48%	0.16	0.00	0.00	0.00
RD2075 Reclamation District No. 2075 McMullin	Overall LMA Rating	Total LMA Miles						
	0		D. (; ;				Design 8	& System
Rated Item	NA NATION			T l l l. l. 0/			Obsole	scence
	IVI IVIIIes	U Miles	M + 40 Miles	Inresnoid %	IVI IVIIIes	U Miles	IVI IVIIIes	U Miles
	14.41	0.02	14.49	192.69%				
Trim / Thin Trees	0.03		0.03	0.40%				
Encroachments					0.53			
Operations & Maintenance Manuals	0.08		0.08	1.06%				
Flood Preparedness & Training	0.08		0.08	1.06%				
Supplemental				1122,2				
DWR Erosion Survey	0.01		0.01	0.13%				
	14.60	0.02	14.68	195.21%	0.53	0.00	0.00	0.00
Rated Item Earthen Levee Vegetation	M Miles	7.52 Maintena U Miles	_	Threshold %	Enforce M Miles	cement U Miles		scend

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2085	Overall LMA	Total LMA						
Reclamation District No. 2085 Kasson	Rating	Miles						
	U	6.18						
Dated Itam		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1		T	T		I		
Vegetation	2.60		2.60	42.07%	0.05			
Trim / Thin Trees	0.25		0.25	4.05%				
Encroachments	0.04	0.01	0.08	1.29%	0.51			
Animal Control	0.08		0.08	1.29%				
Supplemental DWR Erosion Survey		0.02	0.08	1.29%				
LMA Totals:	2.97	0.02	3.09	50.00%	0.56	0.00	0.00	0.00
LIVIA TOTALS.	2.97	0.03	3.09	50.00%	0.56	0.00	0.00	0.00
Unit No. 01 San Joaquin River LB	Overall Unit	Total Unit Miles						
	Rating							
RD2085	U	5.20					Design 8	System
Rated Item			nce Deficiancy			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	1.73		1.73	33.27%	0.05			
Trim / Thin Trees	0.25		0.25	4.81%	0.03			
Encroachments	0.23	0.01	0.23	1.35%	0.51			
Animal Control	0.03	0.01	0.07	1.54%	0.51			
Supplemental	0.08		0.08	1.5470				
DWR Erosion Survey		0.02	0.08	1.54%				
Unit Totals:	2.09	0.03	2.21	42.50%	0.56	0.00	0.00	0.00
	0 "11"	T 4 111 %			!	<u> </u>		
Unit No. 02 San Joaquin River	Overall Unit Rating	Total Unit Miles						
DD2005	U	0.69						
RD2085			D-fi-i				Design 8	System
Rated Item	M Miles	U Miles	nce Deficiancy	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIES	U ivilles	M + 4U Miles	Tilleshold %	IVI IVIIIES	U ivilles	IVI IVIIIES	U Milles
Vegetation	0.60		0.60	86.96%				
Encroachments	0.01		0.01	1.45%				
Unit Totals:	0.61	0.00	0.61	88.41%	0.00	0.00	0.00	0.00
Unit No. 03 San Joaquin River	Overall Unit	Total Unit						
Onit No. 03 San Joaquin River	Rating	Miles						
RD2085	U	0.29						
			nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	
Earthen Levee								
Vegetation	0.27		0.27	93.10%				
Unit Totals:	0.27	0.00	0.27	93.10%	0.00	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

PP0000	0	TatallNAA						
RD2089	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 2089 Stark	U	2.90						
			nas Deficionas		Fufara	-amant	Design 8	& System
Rated Item	M Miles		nce Deficiancy	Threshold %		ement U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIES	U Miles	M + 4U Miles	Threshold %	M Miles	U ivilles	ivi ivilles	U Miles
Vegetation	1.20	1.30	6.40	220.69%				
Trim / Thin Trees	0.28	0.14	0.84	28.97%				
Encroachments	0.07	0.01	0.11	3.79%	0.42	0.05		
Animal Control	0.09	0.06	0.33	11.38%	01.12	0.00		
Crown Surface / Depressions / Rutting	0.05	0.00	0.05	1.72%				
Supplemental	0.00		0.00	1.7270				
DWR Erosion Survey	0.01	0.02	0.09	3.10%				
LMA Totals:	1.70	1.53	7.82	269.66%	0.42	0.05	0.00	0.00
				I.	<u> </u>		1	
Unit No. 01 Old River RB	Overall Unit	Total Unit Miles						
	Rating							
RD2089	U	1.53			1		Design 8	& System
Rated Item			nce Deficiancy			ement	Obsole	escence
Tales item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.54	4.05	F 54	200.420/				
Vegetation	0.51	1.25	5.51	360.13%				
Trim / Thin Trees	0.13	0.11	0.57	37.25%	0.00			
Encroachments	0.04	0.01	0.08	5.23%	0.39			
Animal Control	0.04		0.04	2.61%				
Crown Surface / Depressions / Rutting	0.04		0.04	2.61%				
Supplemental DWR Erosion Survey	0.01	0.01	0.05	3.27%			1	
Unit Totals:	0.01	1.38	6.29	411.11%	0.39	0.00	0.00	0.00
Unit rotals.	0.77	1.30	6.29	411.1170	0.39	0.00	0.00	0.00
Unit No. 02 Salmon Slough RB	Overall Unit Rating	Total Unit Miles						
RD2089	U	1.37						
		Maintena	nce Deficiancy		Enforc	ement	Design 8	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							1	
Vegetation	0.69	0.05	0.89	64.96%				
Trim / Thin Trees	0.15	0.03	0.27	19.71%				
Encroachments	0.03		0.03	2.19%	0.03	0.05		
Animal Control	0.05	0.06	0.29	21.17%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.73%				
Supplemental		1	1					
DWR Erosion Survey		0.01	0.04	2.92%				
Unit Totals:	0.93	0.15	1.53	111.68%	0.03	0.05	0.00	0.00

Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2091	Overall LMA Rating	Total LMA Miles							
Reclamation District No. 2091 Chase	A	7.92							
			D-fi-i		- Forface		Design 8	System	
Rated Item	MANGLOS	1	nce Deficiancy	Throchold 0/		ement	Obsole		
Earthon Layer	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee Vegetation	0.04		0.04	0.51%					
Trim / Thin Trees	0.04		0.04	0.51%					
Encroachments							0.05		
Animal Control	0.08		0.08	1.01%					
LMA Totals:	0.16	0.00	0.16	2.02%	0.00	0.00	0.05	0.00	
Unit No. 01 San Joaquin River RB	Overall Unit	Total Unit Miles							
	Rating	7.59							
RD2091	A						Design 8	System	
Rated Item			nce Deficiancy			ement	Obsole	scence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Encroachments							0.05		
Animal Control	0.08		0.08	1.05%			0.03		
Unit Totals:	0.08	0.00	0.08	1.05%	0.00	0.00	0.05	0.00	
Offit Totals.	0.08	0.00	0.08	1.03%	0.00	0.00	0.03	0.00	
Unit No. 02 San Joaquin River NA	Overall Unit	Total Unit							
	Rating	Miles							
RD2091	U	0.33					T 5 · 6	0 1	
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Obsole	System scence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee		I	2.24	10.100/		I	I		
Vegetation	0.04		0.04	12.12%					
Trim / Thin Trees	0.04		0.04	12.12%					
Unit Totals:	0.08	0.00	0.08	24.24%	0.00	0.00	0.00	0.00	
RD2092	Overall LMA	Total LMA							
Reclamation District No. 2092 Dos Rios	Rating	Miles							
Reclamation District No. 2002 Dos Rios	A	3.76							
			nce Deficiancy		Enforc	ement	Design & System		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles	
Earthen Levee	IVI IVIIICS	O IVIIIC3	IVI 1 40 IVIIIes	THESHOU /6	INI INIIICS	O IVIIIeS	WI WIIICS	O IVIIICS	
Encroachments	0.01		0.01	0.27%	1.64				
Animal Control	0.04		0.04	1.06%					
Slope Stability	0.01		0.01	0.27%					
Emergency Supplies & Equipment	0.04		0.04	1.06%					
Flood Preparedness & Training	0.04		0.04	1.06%					
LMA Totals:	0.14	0.00	0.14	3.72%	1.64	0.00	0.00	0.00	
	I		1	L					
RD2094	Overall LMA Rating	Total LMA Miles							
Reclamation District No. 2094 Wathal	A	3.28							
			D-6. '		Ι ,		Design 8	System	
Rated Item	N 4 N 4"		nce Deficiancy	Th		ement	Obsole	scence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Encroachments					0.01				
LMA Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00	
LIVIA TOTAIS.	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00	

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
RD2094	A	2.82						
5		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00
Unit No. 02 San Joaquin River	Overall Unit Rating	Total Unit Miles						
RD2094	A	0.46						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
RD2095	Overall LMA	Total LMA						
Reclamation District No. 2095 Paradise	Rating	Miles						
Cut	M	4.83						
2		Maintena	nce Deficiancy		Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee								
Vegetation	0.05	0.01	0.09	1.86%				
Trim / Thin Trees	0.01		0.01	0.21%				
Encroachments	0.01		0.01	0.21%	0.51			
Slope Stability	0.01		0.01	0.21%				
Crown Surface / Depressions / Rutting	0.33		0.33	6.83%				
Supplemental	T	T					ı	
DWR Erosion Survey	0.09	0.01	0.13	2.69%				
LMA Totals:	0.50	0.02	0.58	12.01%	0.51	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Paradise Cut LB	Overall Unit Rating	Total Unit Miles	U Rated Mile	Threshold Percei				
RD2095	M *	1.45	instead of A	•				
Date d Itaas		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile:
Earthen Levee Vegetation	0.01		0.01	0.69%				
Trim / Thin Trees	0.01		0.01	0.69%				
Encroachments	0.01		0.01	0.69%	0.02			
Slope Stability	0.01		0.01	0.69%	0.02			
Supplemental	0.01		0.0.	0.0070				
DWR Erosion Survey	0.01	0.01	0.05	3.45%				
Unit Totals:	0.05	0.01	0.09	6.21% *	0.02	0.00	0.00	0.00
Unit No. 02 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
RD2095	M	3.38						
ND2000			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile:
Earthen Levee		000	/ 100	71		000		10
Vegetation	0.04	0.01	0.08	2.37%				
Encroachments					0.49			
Crown Surface / Depressions / Rutting	0.33		0.33	9.76%				
Supplemental								
DWR Erosion Survey	0.08		0.08	2.37%				
Unit Totals:	0.45	0.01	0.49	14.50%	0.49	0.00	0.00	0.00
RD2096	Overall LMA	Total LMA						
Reclamation District No. 2096	Rating	Miles						
Wetherbee Lake	U	0.17						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile:
Earthen Levee		ı						1
Encroachments		0.01	0.04	23.53%	0.13			
Animal Control	0.02		0.02	11.77%				
LMA Totals:	0.02	0.01	0.06	35.29%	0.13	0.00	0.00	0.00
RD2101	Overall LMA	Total LMA						
Reclamation District No. 2101 Blewett	Rating	Miles						
Reduination District No. 2101 Diewett	U	3.51						
			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile:
Earthen Levee		000	/ 100	71		000		0
Vegetation	0.08		0.08	2.28%				
Trim / Thin Trees	0.02		0.02	0.57%				
Encroachments	0.01		0.01	0.29%	1.16			
Animal Control	0.24	0.02	0.32	9.12%				
Erosion / Bank Caving	0.02		0.02	0.57%				
Supplemental		1						
DWR Erosion Survey		0.10	0.40	11.40%				
LMA Totals:	0.37	0.12	0.85	24.22%	1.16	0.00	0.00	0.00

Fall 2012 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River LB	Overall Unit	Total Unit						
	Rating	Miles						
RD2101	U	3.20						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		,						
Vegetation	0.08		0.08	2.50%				
Trim / Thin Trees	0.02		0.02	0.63%				
Encroachments	0.01		0.01	0.31%	1.16			
Animal Control	0.24	0.02	0.32	10.00%				
Erosion / Bank Caving	0.01		0.01	0.31%				
Supplemental		,						
DWR Erosion Survey		0.10	0.40	12.50%				
Unit Totals:	0.36	0.12	0.84	26.25%	1.16	0.00	0.00	0.00
Unit No. 02 San Joaquin River (Spur	Overall Unit	Total Unit						
Levee) RB	Rating	Miles						
RD2101	Α	0.31						
		Maintenance Deficiancy		Enforcement		Design & System Obsolescence		
5 . 16		Maintena	nce Deficiancy		Enforc	ement		
Rated Item	M Miles	Maintena U Miles	nce Deficiancy M + 4U Miles	Threshold %	Enforce M Miles	ement U Miles		scence
Rated Item	M Miles			Threshold %			Obsole	scence
	M Miles			Threshold %			Obsole	scence
Earthen Levee			M + 4U Miles				Obsole	scence
Earthen Levee Erosion / Bank Caving Unit Totals:	0.01 0.01	U Miles	M + 4U Miles	3.23%	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee Erosion / Bank Caving Unit Totals:	0.01 0.01 Overall LMA	0.00 Total LMA	M + 4U Miles	3.23%	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee Erosion / Bank Caving Unit Totals: RD2107 Reclamation District No. 2107	0.01 0.01 Overall LMA Rating	0.00 Total LMA Miles	M + 4U Miles	3.23%	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee Erosion / Bank Caving Unit Totals:	0.01 0.01 Overall LMA	0.00 Total LMA	M + 4U Miles	3.23%	M Miles	U Miles	Obsole M Miles 0.00	U Miles 0.00
Earthen Levee Erosion / Bank Caving Unit Totals: RD2107 Reclamation District No. 2107 Mossdale Island	0.01 0.01 Overall LMA Rating	U Miles 0.00 Total LMA Miles 4.21	M + 4U Miles	3.23%	M Miles	U Miles	Obsole M Miles	U Miles 0.00
Earthen Levee Erosion / Bank Caving Unit Totals: RD2107 Reclamation District No. 2107	0.01 0.01 Overall LMA Rating	U Miles 0.00 Total LMA Miles 4.21	0.01 0.01	3.23%	M Miles	0.00	Obsole M Miles 0.00	U Miles 0.00
Earthen Levee Erosion / Bank Caving Unit Totals: RD2107 Reclamation District No. 2107 Mossdale Island Rated Item Earthen Levee	0.01 0.01 Overall LMA Rating A	U Miles 0.00 Total LMA Miles 4.21 Maintena	M + 4U Miles 0.01 0.01 nce Deficiancy M + 4U Miles	3.23% 3.23% Threshold %	M Miles 0.00 Enforce M Miles	0.00	Obsole M Miles 0.00 Design 8 Obsole	U Miles 0.00
Earthen Levee Erosion / Bank Caving Unit Totals: RD2107 Reclamation District No. 2107 Mossdale Island Rated Item	0.01 0.01 Overall LMA Rating A M Miles	U Miles 0.00 Total LMA Miles 4.21 Maintena	M + 4U Miles 0.01 0.01 nce Deficiancy M + 4U Miles 0.02	3.23% 3.23% Threshold %	M Miles 0.00	0.00	Obsole M Miles 0.00 Design 8 Obsole	U Miles 0.00
Earthen Levee Erosion / Bank Caving Unit Totals: RD2107 Reclamation District No. 2107 Mossdale Island Rated Item Earthen Levee	0.01 0.01 Overall LMA Rating A	U Miles 0.00 Total LMA Miles 4.21 Maintena	M + 4U Miles 0.01 0.01 nce Deficiancy M + 4U Miles	3.23% 3.23% Threshold %	M Miles 0.00 Enforce M Miles	0.00	Obsole M Miles 0.00 Design 8 Obsole	U Miles 0.00
Errthen Levee Erosion / Bank Caving Unit Totals: RD2107 Reclamation District No. 2107 Mossdale Island Rated Item Earthen Levee Vegetation	0.01 0.01 Overall LMA Rating A M Miles	U Miles 0.00 Total LMA Miles 4.21 Maintena	M + 4U Miles 0.01 0.01 nce Deficiancy M + 4U Miles 0.02	3.23% 3.23% Threshold %	M Miles 0.00 Enforce M Miles	0.00	Obsole M Miles 0.00 Design 8 Obsole	U Miles 0.00
Earthen Levee Erosion / Bank Caving Unit Totals: RD2107 Reclamation District No. 2107 Mossdale Island Rated Item Earthen Levee Vegetation Encroachments	0.01 0.01 Overall LMA Rating A M Miles 0.02 0.01	U Miles 0.00 Total LMA Miles 4.21 Maintena	0.01 0.01 0.01 nce Deficiancy M + 4U Miles 0.02 0.01	3.23% 3.23% Threshold % 0.48% 0.24%	M Miles 0.00 Enforce M Miles	0.00	Obsole M Miles 0.00 Design 8 Obsole	U Miles 0.00

Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River LB	Overall Unit Rating	Total Unit Miles							
RD2107	Α	2.37							
Rated Item		Maintena						Design & System Obsolescence	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	0.01		0.01	0.42%	0.01				
Slope Stability	0.01		0.01	0.42%					
Unit Totals:	0.02	0.00	0.02	0.84%	0.01	0.00	0.00	0.00	
Unit No. 02 Paradise Cut RB	Overall Unit	Total Unit							
	Rating	Miles							
RD2107	A	1.84							
		1.84	nce Deficiancy		Enforc	ement	Design &		
RD2107 Rated Item		1.84	nce Deficiancy M + 4U Miles	Threshold %	Enforce M Miles		Obsole	scence	
	A	1.84 Maintena		Threshold %			Obsole	scence	
Rated Item	A	1.84 Maintena		Threshold %			Obsole	scence	
Rated Item Earthen Levee	A M Miles	1.84 Maintena	M + 4U Miles				Obsole	scence	
Rated Item Earthen Levee Vegetation	M Miles	1.84 Maintena	M + 4U Miles 0.01	0.54%			Obsole	scence	